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Repeater Journal

8 STATE REPEATER INDEX INSIDE

The Official Voice of SERA, Inc.

February, March, April 1999 3.00

Meet the New Directors for Georgia and Kentucky

Two New District Vice-Directors also Named

See Details Beginning on Page 3

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1999 Annual Listing of VE Exam Schedules

The Complete 1999 Hamfest Calendar

Updated 8-State Repeater Index

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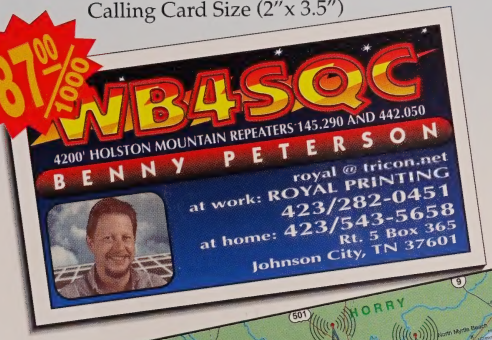

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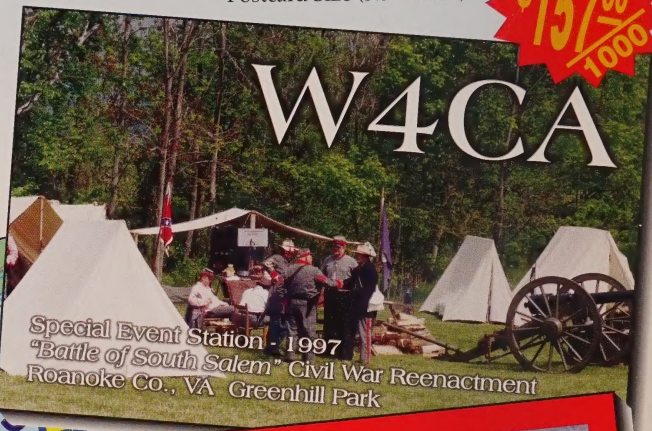

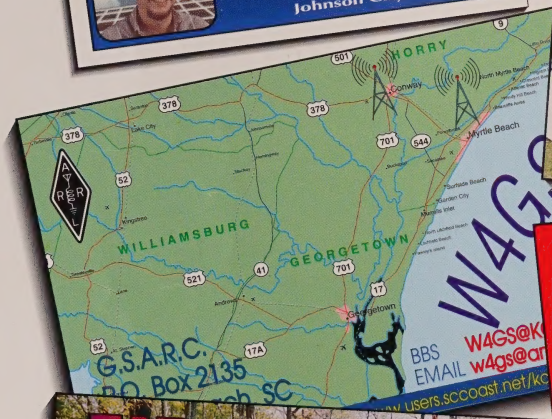

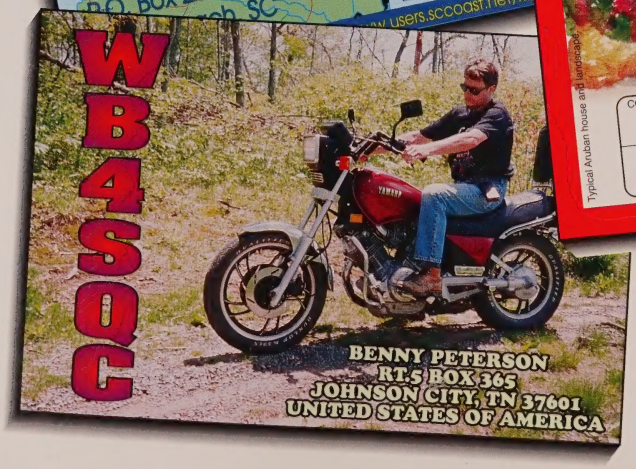

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SERA Repeater Journal

The Most Recognized Regional Amateur Publication in the U.S.
Exclusively for Amateur Repeater owners and users In the SouthEast.

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.

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IMPORTANT NOTE: If you want help, information or guidance as to the procedures of coordinating a repeater, re-coordination, or any other technical assistance - look up your local coordinator listed above and contact him. He, on behalf of SERA will be glad to help. The service is FREE!

TO CONTACT A COORDINATOR VIA EMAIL: theircallsign@sera.org
TO ACCESS THE OFFICIAL SERA WEB SITE: www.sera.org

Page 1 - Editorially Speaking . . !

Hamfests - Dealers - Again & Again!

It just keeps getting worse. I cannot find a happy hamfest sponsor. I can't find a happy dealer. The Repeater Journal lost 5 advertisers this issue from last issue, and in every instance, it was a case of cash flow problems. They just aren't selling enough of anything to make ends meet.

Last year, Williams Radio stopped. This year, I can name you at least 4 commercial dealers who travel the Southeast who are contemplating "retiring" from the business. There are 3 what I call "Fleamarkeers" also getting out of business.

Last year, about 2 hamfests cancelled, this year, there are already 4, and about 4 others undecided There are about 6 others who may not have one in 2000, depending on how 1999 does after bad 1998.

Does this worry you?

It ought to scare the daylights out of you, unless of course you aren't interested in Amateur Radio the way we have seen it. Whether you care or not - it's going to effect you. When all the shows shut down, you'll have to hunt for equipment where you can find it. When all the local dealers shut down, then you'll have to search out the National "big boys" - that is if they are still there.

"Well! What's the problem Big Man" - you say!

It's very simple - enough hams are not supporting their local hamfests. They are not supporting their area dealers, especially those attending the local hamfests. The end result is a matter of economics.

In case some of you thought the public service aspect of Amateur Radio was supposed to extend to hamfest sponsors and dealers, you are mighty wrong, my friends. If these people can't make any money, they are gonna shut it down, and you know who in the end is going to suffer.

You, me, all of us!!!!

Put yourself in their place, before you get upset at what I'm saying. Would you work 30 or 40 weekends free, or for less than minimum wage?

I doubt it! Well, they don't want to either.

I could set back and let this go on, and keep my big trap shut. After all, I'm retired. It's no skin off my back if hamfests quit, and dealers close - or is it? I have 42 years invested in ham radio. I have over 25 years of attending many hamfests yearly. I spent 24 years slaving over a hot dealer table.

We cannot continue to ignore the fact, or pretend everythings is all right much longer.

It's even spreading to clubs, repeaters, everywhere. Where is the support? When did it get too expensive to join a club, support a repeater - go to the local hamfest - buy from the local dealer.

Wake up folks! Something is going to have to happen soon, in a positive manner - or we'll never see ham radio again as it once was. And that is really, really sad.

(Opinions are that of the Editor)

-Wayne C. Williams, Editor < k4mob@sera.org >

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You are cordially invited to contact any SERA person listed on this page and all the repeater coordinating persons listed on Page 1. Please keep in mind, they are volunteers. Allow ample time for action on your request. Also please be considerate in timing of calls during the evening hours.

SERA EMAIL ADDRESSES
You may email any SERA person simply by:
theircallsign@sera.org

SERA Repeater Journal
The Most Recognized Regional Amateur Magazine in the U.S.
The Official Voice of SERA, Inc.

Feb., Mar., Apr., 1999
Volume 28, No. 1
Organized in 1971
"Beginning 28 Years" Of Continuous Service To Amateur Radio

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Check out the Official SERA Web Site: www.sera.org

About the SERA Repeater Journal Magazine

The *Repeater Journal*, voice of SERA is published quarterly, the first Wednesday of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, Inc., an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the *Repeater Journal* (See important note this page) provided proper credit is given. The *Repeater Journal* Editor will swap newsletters with other Repeater Organizations, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, one month prior to publication. News deadlines are the first of the month prior to publication month. The *Repeater Journal* is mailed Bulk Rate at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. All news and newsletter exchanges should be mailed to the Editor whose address is listed on this page.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 2,170 repeaters available to over 93,439 Amateurs covering 329,000 square miles from the Southeastern member States of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia. SERA celebrates its 28th year of service in 1999 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers. Support, comments and recommendations are appreciated.

About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, published the first Friday of February, May, August and November. Memberships received after deadline will not receive next to-be-published Repeater Journal, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may with a coordinated, operable, repeater, join SERA as a Full Member. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a "Smiley Face" (☺) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

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Coordinators Assume Office and Get to Work

Repeater Journal COVER STORY

Two newcomers to the folds of SERA. Jim Fonte, W4JMF (left) is the new Director for Georgia, and Brennan Newsome, KJ4VF (right) is the new Director for Kentucky.

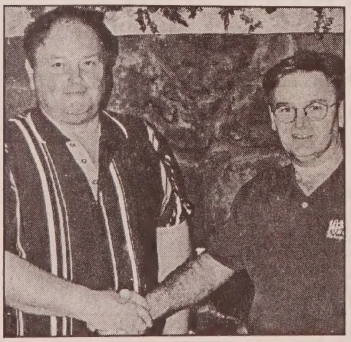
SERA begins the year with two new State Directors, and six returning for another term. There were also two new Vice-Directors placed in office.

We had one new Directed who won an election in his state, and another who was appointed upon resignation of the current Director.

Six other Directors were returned to office for another two year term.

The two new Vice-Directors came as a result of two retirements. Lin Couch, K4OLC, resigned as Vice-Director of North Carolina. He was replaced by Director, Danny Hampton, K4ITL by Frank Lynch, KE4ZEQ, who was elevated to the position of Vice-Director of North Carolina.

The other opening was in Kentucky. Former Director Jerry Shouse, N4EQT agreed to return as Vice-Director, after resigning the Director position, due to health problems recently. The newly appointed Director, Brennan Newsome, KJ4VF had asked Shouse if he would return and help out. Shouse agreed.



Brennan Newsome, KJ4VF, (left) is congratulated by former Director Jerry Shouse, N4EQT in his new position as Kentucky Director. Shouse will remain as Vice-Director.

Newsome New for Kentucky

In Kentucky, Jerry Shouse, N4EQT had to resign due to medical problems. President Williams had appointed Brennan Newsome, KJ4VF of Harold, KY to carry on the State Director's job in Kentucky for 1999 and 2000. He was confirmed by the full Board at the January Board meeting.

Then the pleasant surprise occurred when Jerry Shouse returned and was persuaded to take the Vice-Director's job and work closely with Newsome.

Fonte Wins in Georgia

In a very gracious move of support, Stu Sims, N4MXC, (Right) former GA Director, offers congratulations to the newly elected Director, Jim Fonte, W4JMF. Although not required, Sims drove to the Winter board meeting for that purpose, and to turn over the Georgia coordination records and files to Fonte.

Jim Fonte, W4JMF, of Ringgold, GA, unseated Stu Sims, N4MXC as Director of Georgia. Fonte won easily in a called election among qualified Full Members of that state. Fonte controlled the election with a margin of about 80%. At the Board meeting, Fonte said he would begin a new awareness and challenge to the repeater owners of Georgia. He said with the assistance of his Vice-Director Bert Coker, he would make every attempt to be as aware of the needs of repeater owners of Georgia as possible.

Other Directors Return

No other elections were required in the remaining six SERA states and all six of those Directors were returned to office. These include: Mississippi - Steve Grantham, N5DWU; North Carolina - Danny Hampton, K4ITL; South Carolina - Bill Jones, N4MNH; Tennessee, Johnny Wofford, WA4ETE; Virginia - Don Williams, W4VT and West Virginia - Dick Fowler, N8FMD.

Six Vice-Directors Return

Six Vice-Directors were returned to office for another term. There had been no Vice Director in Kentucky. North Carolina elevated an Assistant to Vice-Director upon the resignation of Lin Couch, K4OLC. Kentucky now has a Vice-Director, as former Director, Jerry Shouse, K4EQT returns in that status.

Returning to office are: Georgia - Bert Coker, N4BZJ; Mississippi - Joe Wood, Sr., AJ0X; South Carolina - Vince Ott, WD4NUN; Tennessee - Tim Berry, WB4GBI; Virginia - Doug Sharp, K2AD and West Virginia - Alex Hedrick, Jr., N8FWL.

Assistant Director Appointees

Only a few changes occurred with Assistant Directors in the eight States. These positions are appointments by the Director, and confirmed by the full Board. The Assistant Director works closely with the Director in coordination matters for their individual states.

Mississippi returns Bill Cooper, WB5YCR and Mark Simmons, KD5EDV, while North Carolina has Todd Robinson, KE4JMI returning. In Tennessee all Assistants were returned. They are Andy Masters, NU5O, Richard Pryor, WD4BKY, and Brad Adams, N4PYI, In Virginia, Charlie Stokes, WB4PVT returned.

All the Directors, Vice Directors, and Assistants are listed for each SERA District on Page 1 of this magazine.

Committee of Tellers

Election ballots which had been mailed to all eligible Full Members in Georgia were due back, postmarked no later than December 20. To count the ballots from the Georgia election, a Committee of Tellers was formed and required to perform the action prior to December 31. On December 29th, the Committee's report was issued official-

(Continued on Page 7)

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I WANT IT NOW!!

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Charlotte Hamfest

So Much Happening

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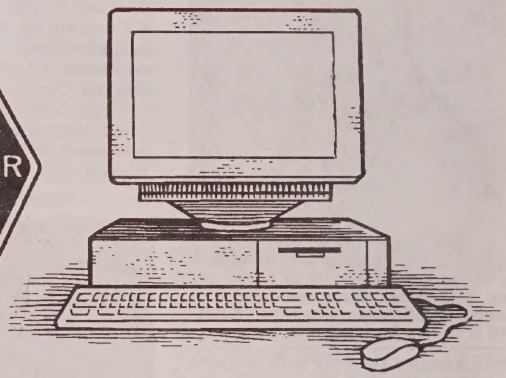
- **Over 500 8' swapfest tables (pre-registration only)**
- **104,000 sq. ft. of indoor exhibit space**
- **Convenient parking for 3,500 cars**
- **ROANOKE DIVISION CONVENTION**
- **Walk-in VEC Testing Saturday by WCARS-VEC**
- **Great Forums both days**
- **Alternate Activities**
- **Fabulous prizes**



Detach and mail with your check and self addressed stamped envelope to:
Charlotte Hamfest - P. O. Box 221136 - Charlotte, NC 28222-1136
Orders received after Feb. 27 will be held at the door
Orders without SASE will be held at the door

Name _____ Call Sign _____

Business Name _____

Address _____

City _____ State _____ Zip _____

Phone ( ) _____ - _____

Pre-Registration Tickets _____	@ $6.00	=	$ _____
8 ft. Swapfest Tables _____	@ $20.00	=	$ _____
Chairs _____	@ $1.00	=	$ _____
Electricity _____	@ $65.00	=	$ _____
Pre-paid Parking (Good Both Days) _____	@ $3.00	=	$ _____
	TOTAL		$ _____

NC Dept of Revenue requires us to show a NC Sales Tax number OR a signed exemption form. If you are requesting a swap fest table, you must check one box or the other and sign **before** we can sell you the table.

☐ This is to certify that I qualify for an exemption from licensing requirements as stated under NC General Statutes 105-53 because I sell crafts or goods made by me or my own household personal property.

☐ I have a NC Sales Tax number. It is: _____

Name (PRINT) _____ Name (SIGN) _____ Date _____

and Computerfair

SHOW HOURS
Saturday, 9:00 AM to 5:00 PM
Sunday, 9:00 AM to 2:00 PM
Swapfest vendors may enter at 7:00 AM Saturday for setup
Dealers may unload Friday from 11:00 AM to 9:00 PM
Tickets $6 in advance, $8 at the door both days, $6 at the door
Sunday only. 8 ft. Swapfest Tables $20 in advance only
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Parking Day of Show- $5 per day

March 13 and 14, 1999

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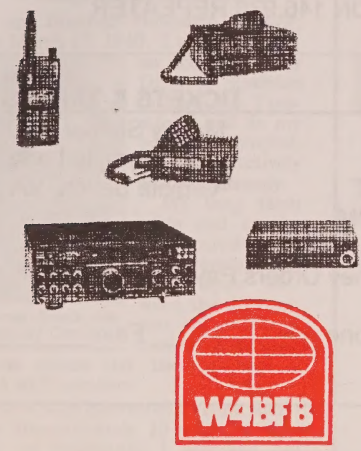
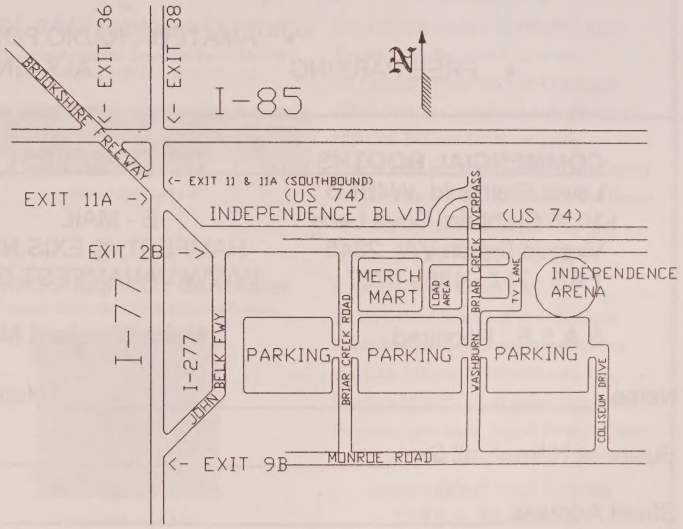
Charlotte, North Carolina





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Tom Hunt, KA3VVJ
(704) 948-7373
or
dealers@w4bfb.org

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See our website
at:
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FOR PRE-REGISTRATION AND SWAPFEST TABLES, CONTACT:
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CHARLOTTE, NC 28222-1136
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fleamarket@w4bfb.org

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The Merchandise Mart charges $5 for parking. We have arranged for discounted **pre-paid parking for $3.00**, good for both days. We suggest you car pool to reduce costs. The Merchandise Mart does not permit TAILGATING in the parking lots. No firearms permitted for sale or display. Concealed weapons are not permitted. Pets are not permitted
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Sept 18 & 19, 1999

Virginia Beach Pavilion, Virginia Beach, Va.

ARRL VIRGINIA STATE CONVENTION

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- AMATEUR RADIO FORUMS
- FREE PARKING TALK - IN ON 146.970 REPEATER

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Children under 12 free TICKETS WILL BE $6.00 AT THE DOOR.
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TOTAL _____

OUTDOOR TAILGATE - ADVANCE REGISTRATION

Tickets ARE REQUIRED when Renting Commercial Tables and Tailgate Spaces

Local ordinances and Hamfest policy do not permit firearms or pornographic material to be displayed or sold at the show. " TIDEWATER RADIO CONVENTION'S INC. "

Director Elections - Continue

ly to the SERA Board via internet:

"The Committee of Tellers has convened and opened the sealed returned ballots for the Georgia Director's Election. The vote results are as follows:

James M. "Jim" Fonte, W4JMF	79
Stuart "Stu" Sims, N4MXC	23

3 ballots were not counted, due to a 12/21 postmark, 1 ballot was not counted, due to a 12/23 postmark, & 4 ballots were returned to me as undelivered.

The U. S. Post Office at Beckley, WV, (25802) was checked at 23:30 on 12/28/98 for any lingering ballots that may have been mixed with seasonal mail.

The Committee of Tellers consisted of H. Alex Hedrick, Jr., N8FWL, Chairman; Lonna C. Hedrick, N8ZZQ; and Gary W. Holt, WV8B.

-signed: H. Alex Hedrick, Jr. N8FWL, SERA Secretary

Newsome Assumes Job Of Director for Kentucky

(A message from the new Director)

I am Brennan Newsome, KJ4VF, born March 17, 1949. I am very excited about my new Director position in Kentucky. I promise I will do my best to accomplish the job effectively and expeditiously.

Brennan Newsome
Kentucky Director

My long term goals and aspirations include keeping communications open between the director, and present and future Kentucky repeater owners and users, as well as SERA staff members.

I have been interested in Ham Radio since approximately 15 years of age. With no assistance I received my Novice Rating in early 1986, and received my Advanced license in mid 1986. My ham radio experience mostly consist of 2 Meter, 440, and 6 Meter Repeaters, Slow and Fast Scan TV and HF communications. Also, I have assisted in administering tests in the local area.

Presently I am self-employed, taking care of rental property.

My wife, Carol, KD4DUB, is very supportive and also interested in ham radio communications. She is a speech/language pathologist and is presently employed at the Pike County School System. In addition, she has a private practice under the name of Carol Newsome Speech/Language Contracting Services. She works with the local community as well as surrounding counties to improve patient's overall communication ability.

Let me express my sincere appreciation for your support. Please don't hesitate to write, call or e-mail if you have any questions, need any help or want to assist in SERA for Kentucky.

Thanks again.

-Signed: Brennan Newsome, KJ4VF Kentucky Director

Fonte Takes Over as Director of Georgia

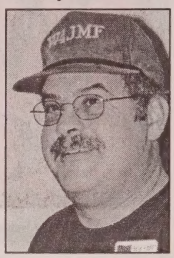
(A message from the new Director)

I am very flattered by all of your votes of confidence...THANK YOU!

As YOUR new Frequency Coordinator, I am well aware of the level of commitment that is necessary to do this job properly. The relationship that exists between the frequency coordinator, the repeater owner/operator, and the repeater user should be an open channel – we must communicate between one another, sharing ideas, common communications goals <public service and the like>, and generally making ham radio a hobby worth having–and passing on!

As we move "our" part of the hobby forward, keep these things in mind:

The Frequency Coordinator works for you. By federal law, your recognition of his work validates the processes that occur. If you are unhappy with the services



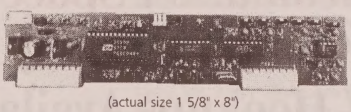
Jim Fonte
Georgia Director

(Continued on Page 11)

NHRC
REPEATER CONTROLLERS

NHRC-3/M2 Repeater Controller

An Integrated Repeater Controller for GE MASTR II Mobile Radios with Real Stored Speech



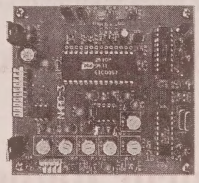
(actual size 1 5/8" x 8")

- Plugs directly inside a GE MASTR II Radio
- Duplex / Simplex or Link Controller
- 90 Seconds of Real Voice in 4 Messages
- DTMF Remote Control and Programming
- LED CAS, PTT and DTMF Indicators
- Interface for CommSpec TS-32 CTCSS board
- Programmable Hang, ID and Timeout Timers

Assembled and Tested
$159 + $5.50 S&H

NHRC-3 Repeater Controller

Repeater Controller with Real Stored Speech



(actual size 3 1/2" x 3 3/4")

- Duplex / Simplex or Link Controller
- 90 Seconds of Real Voice in 4 Messages
- DTMF Remote Control and Programming
- LED CAS, PTT and DTMF Indicators
- Interface for NHRC-DAD Digital Delay board
- Programmable Hang, ID and Timeout Timers
- Very Low Power Consumption

Assembled and Tested
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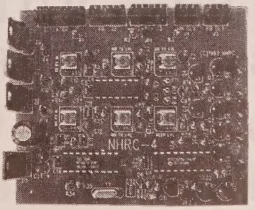
NHRC-4 Repeater Controller

Duplex Controller with Secondary Linking Port



(actual size 3 1/4" x 3 3/4")

- Easy Integration with any Repeater
- Secondary Port Configurable for Remote Base, Link Radio or Slaved Duplex Repeater
- DTMF Remote Control and Programming
- LED CAS, PTT and DTMF Indicators
- Interface for NHRC-DAD Digital Delay board
- Programmable Hang, ID and Timeout Timers
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Saturday - June 12, 1999

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Covered Fleamarket Space Available*

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In Tailgateing Area

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Sanctioned Hamfest

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January, 2000 Dixie Classic Fair Grounds

The first NC Hamfest of the next millennium!

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PAVED TAILGATE AREA

TALK-IN: 146.64 (145.47 ALTERNATE)

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From Greensboro: I-40 to US-52, north on US 52 to Akron Dr., west on Akron to Reynolds Blvd., left on Reynolds Blvd, second left is Shorefair Dr., second right is Deacon Blvd, Hamfest entrance is through Gate 5 on left.

From Statesville or Yadkinville: I-40 E to Cherry St. North on Cherry St. approximately 5 miles to Deacon Blvd., right on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

From Mt. Airy: South on US-52 to University Parkway. Turn right on University Parkway. Follow University Parkway to Deacon Blvd. Left on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

Accommodations:

The Holiday Inn North (910 723 2911) and the Courtyard by Marriott (910-727-1277) are both only 1/2 mile from the Hamfest. The fairgrounds have full RV hookups for only $15.00.

Name _____ Call _____

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City _____ State _____ Zip _____

_____ Pre-registration tickets @ $5.00 each $ _____

_____ Covered Outdoor Space @ $20.00 $ _____

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_____ Friday Night Camping @ FREE! $ _____

_____ RV Hookup @ $15.00 per night $ _____

TOTAL ENCLOSED $ _____

Make checks payable to:

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Mail along with SASE to:

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PO Box 11361
Winston-Salem, NC 27116

Pre-registrations without SASE or received after May 28 will be held at the gate.

Covered outdoor spaces in the tailgating area are available (for a modest fee) on a first-come, first-served basis. Fairground regulations do not permit the sale of food or beverages by unapproved vendors. Full RV Hookups are available in the tailgating area this year for $15. Camping and self-contained RV's are welcome in the Tailgating camping area and restrooms will be available. Not responsible for accidents or theft.

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Hamfest Chairman
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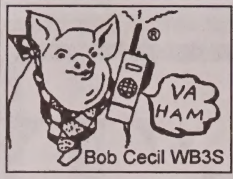
n4ioz2@ibm.net



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New! - PR-52 6-Meter H/T 5-Watts
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DJ-191TH 2-Meter HT, 5 Watts ★ *$30.00 Rebate* ★
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DR-140T 2-Meter Mobile, 50 Watts ★ *$35 Rebate* ★
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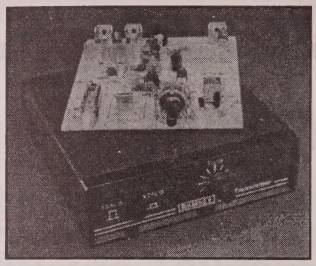
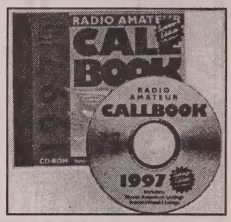
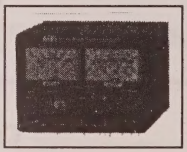


QRP Transmitters

Work the World on a Watt!!





MFJ-4225MV $149.95

COMET - Deluxe trunk mount "GR-5M" and "SB" style antenna. Stainless steel hardware, mounts with NO HOLES to drill. Easy to install and it looks great!

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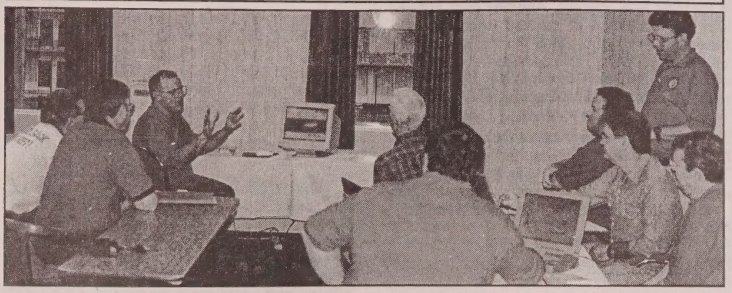
SERA Has Winter Board Meeting



Training For Coordinators

Heavy participation was at the training classes on various SERA coordination computer software seminars. They were conducted Saturday monring, and Saturday evening between the official meeting hours. Dick Fowler, N8FMD, SERA Vice-Presi-dent was assisted by Frank Lynch, KE4ZEQ, NCVice-Director.

The SouthEastern Repeater, Assn., Inc. held its annual Board meeting at Pigeon Forge, TN on the January 9-10 weekend. All states were represented for the event, as well as officers, appointees and Committee Chairmen.

Things started early Saturday morning with training. Dick Fowler, N8FMD, SERA Vice-President had set aside the morning to offer training to SERA coordinators.

The official meeting was called to order at 1:15 PM saturday afternoon with 19 Board members and visitors present. Everyone introduced themselves, and then new officers were officially installed, and new appointees confirmed by the Board.

Following were various staff reports including the Secretary, Treasurer, Publications and Membership/Records. Then the various Directors reported on the state of each of their Districts.

Retiring Kentucky Director, and newly named Vice-Director, Jerry Shouse was commended on his outstanding endeavor on behalf of the repeater owners of Kentucky in 1998. He coordinated, or recoordinated an astounding 57 repeaters for his state. The Board felt the repeater owners in Kentucky were very fortunate to have such a man working for them.

Wayne Williams and Dick Fowler presented a total of about 10 proposed By-Law changes. Nine of them were passed by the board.

Under new business, seminars were held, continuing training of the newly elected officials, and a refresher course for others in attendance. New coordination and report forms were passed by the Board. Improving datasheet processing, passing copies to Coordinators, and discussions on coordinated and uncoordinated repeaters were also held Database entry procedures were discussed with the Board members, to give them an idea of things needed, time frames and personnel needed to maintain data entry schedules. New forms that were approved will be electronic in nature, and enhance future operation of the organization.

On the subject of membership, it was noted that SERA had seen a very good improvement in membership as a result of starting hamfest coverage in 1988. The Board for 1999 will increase participation of SERA presence at more hamfest in the Southeast. Board members will volunteer their services for

(Continued on Page 13)

Director Elections - Continue

provided, you 'fire' the coordinator and recognize a new one. Ultimately, you are in control of the frequency coordination process.

For the bands 10m, 6m, 2m, 1.25m, 70cm, 33cm, 23cm, & beyond: FM & repeaters are not the only uses for those frequencies. ATV, terrestrial weak-signal & EME, DX, packet, simplex, wideband & narrowband experimentation, etc., also have a marked interest and place here. We <as a group>must set the example that proves that amateur radio operators are indeed self-training, self-policing, cooperative, and that we can again be the innovators in communications that we once were.

The definitions of open & closed v. carrier accessed & tone <CTCSS> accessed repeaters, just what is 'interference', repeater coverage profiling, repeater users responsibilities and common courtesy, and many other interesting related topics will be discussed in great detail with those of you who are interested.

I will be representing SERA at the Dalton Hamfest in February, the Marietta Hamfest is March, and no doubt many more in '99.

I look forward to working with Bert, N4BZJ, Scott, KB0Y, Ralph, N4NEQ, and the many new faces who will become active participants of the Georgia District frequency coordination process.

As fresh blood, I bring possible new ideas into SERA, and hope to be able to contribute to the overall improvement in processes and procedures used by SERA. I would hope to present these ideas when I learn more of the overall procedures and ways of SERA.

SERA is well known nationwide as a First-Class, World-Class coordination organization.

With YOUR help, we can demonstrate that the Georgia District is SERA's crown jewel!

- 73! BCN y'all later! - Jim, W4JMF

Did you know that the SERA Repeater Index contains over 4,400 listings. We list them two ways - By-State, By-City, and By-Frequency, every quarter!

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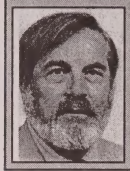
North Carolina - News -



GENE FEGELY, K3EJG
k3ejg@sera.org
115 RANDOMWOOD LANE
NEW BERN, NC 28562

Nominations and Elections fill the fall newsletters from North Carolina clubs, along with Christmas parties and plans for upcoming ham fests. My postal and email mailbox were quite full when I returned from my holiday hiatus at Hilton Head.

* * * * *

Cary ARC will have President Charles Nichols, KE4CDI; VP George Beasley, WX4DX; Secretary Herb Lacey, W3HL; and Treasurer Will Harper, KI4WW. Editor Tom Klimala, KM4LB, is publishing the Feedline on the club's web page. See: www.ipass.net/~falynch/carc/carc.html.

* * * * *

High Point ARC elected President Scott Carmichael, KE4ZFV; VP Sam Hall, K4AME; Secretary Chris Horne, W4CKH; and Treasurer Mark McMahan, KB4MFP. Mark's newsletter reported 21 call-ins for their Christmas Day Roll Call, with special thanks to Fred Browning, W1HLP, for his work as net control for 17 years.

The group added a fund raiser to sell 'Dine-a-Mate' books, and reported a $75 profit for their first attempt. Another club activity was the collection of canned goods for the Salvation Army, prompted from a speaker at an earlier meeting. This service to other community organization emphasizes the friendly nature of hams as contributors to general welfare.

* * * * *

In the same vein, Azalea Coast ARC was featured in several newspaper articles, and TV news, for their work with the Boy Scout Jamboree OTA .

Bill Morine, N2COP; and Bill Wetherill, N2WG, participated from the site of the USS North Carolina, and even included Wilmington's Mayor Hamilton "Ham' Hicks, reported PIO Frank Ebbinghouser, N2EMR.

* * * * *

Western Carolina ARS reports President Walt Lewis, KC4PNF; VP Janice Lentz, K4IJK; Secretary Noah Parris, K4VCD; Treasurer Gene Duncan, KE4PKW; and Exec members Bob Wilson, KN4AU; and Harry Frick, KC4EZN. The group also honored Bob Miller, W4AEY, for his QCWA award for 50 years of amateur service.

Editor Carol Anne Baker, KE4JOJ, includes WCARS activity in the Boy Scout JOTA day, with a Field Day setup at the Masonic Lodge grounds in Weaverville. Participants included Carl Smith, N4AA; Borden Sabiston, K7NDX; Willi Williams, KA4WPM; Dick Burns, K8SKX; Tommy Queen, K4BNP; and Bob Dockery, WD4CNZ.

* * * * *

Forsyth ARC has President Ed Needham, KD4ENU; VP Bryce Lambeth, KE4ZFN; Treasurer Woody Kinney, KF4PLQ; and Secretary Mary Gallagher, KC4AKY. November's meeting featured a presentation of a $1000 check from the R. J. Reynolds Foundation to be used in the renovation of the 145.47 repeater atop Sauertown Mountain.

* * * * *

Paul Robinette, KD4OZI, is president of the Stanly County ARC, with Carl Starnes, W4EAT, continuing as Secy/Treas. The club Ole Gossip Bulletin reports 1998 activities as 52 breakfasts, 52 nets, 4 news letters, 11 different presentations at meetings, 12 special events, and a 'tremendous' field day, finishing 41st in the nation.

* * * * *

The 61 members of the club were impressive in the several pages listing involvements in everything from fox hunts to Christmas parade and message handling. Club meeting presentations were also varied, reflecting the many interests of the amateur radio community.

* * * * *

Cape Fear ARS News congratulated President Bob Doyle, KL7NL; VP David Cowart, KR4OE; Secy/Treas Chuck Ward. KJ4RV; and Recorder Josh Barr, KB0HGZ who will serve in 1999. Interesting to note was the participation of nine past presidents in a meeting to find a slate of officers. Good use of retirees to keep them active, I thought.

* * * * *

An item for other clubs is their effective use of commercial advertising to support the club publication. Also noted was a certificate to CFARS for their First Place in the 10-10 International Net Summer SSB QSO Party in August. Conditions must have been better than I have had on ten meters!

* * * * *

An impressive list of officers for the Raleigh ARS was unaminously rail -er elected, at their November meeting, which included 104 members and 6 guests. President Gary Pearce, KN4AQ; Secretary Jeff Wittich, AC4ZO; and Treasurer Mike Murphy, WA4BPJ, are the mainstays of the leadership.

Gary, KN4AQ, has become a columnist for the SERA Journal, so readers can contact him or Exciter editor Israel Pattison, N4ZVU, about membership. Gary gave a plug for the Journal in his President Corner, so a plug from me is in order!

As one of the most active clubs in North Carolina, they participate in many activities, and a subscription to the Exciter covers them. I noted a joining of my two major activities, as a barbershop quartet was the scheduled entertainment at the December meeting. Unfortunately, their first Monday of the month meeting date is a conflict for me.

Jeff, AC4ZO, also entertained JOTA boy scouts with a visit to his station and a display of his 'bug and key' collection. Another club feature is the Scanner SWL SIG which invites non-amateurs to participate, writes Kelly Mills, AE4FG.

* * * * *

Shelby ARC Shamrac devoted their cover to new officers: President Bobby Rawlison, WD4PPM; VP Bobby Fisher, AB4OE; Asst VP Greg Horne, WA4YBP; Secretary Geraldine Lovelace, N4CJM; and Treasurer Bob Smith, KD4GWZ.

(Continued on Page 13

Financial Report - by Johnny Wofford, WA4ETE

TREASURER - SouthEastern Repeater Assn., Inc.

INCOME	Jan-Mar 98	Apr-Jun 98	Jul-Sept 98	Oct-Dec98	Total YTD
S-Adv	$ 5,614.00	$ 3,150.65	$ 5,778.60	$ 6,625.50	$21,168.75
S-ARRL Royalty	$ -	$ 2,092.00	$ -	$ -	$ 2,092.00
S-Assoc	$ 2,954.00	$ 3,772.00	$ 3,991.00	$ 1,667.00	$12,384.00
S-Full	$ 2,648.00	$ 883.00	$ 340.00	$ 3,790.00	$ 7,661.00
S-HOTP-Prepaid	$ -	$ 68.75	$ 137.50	$ 81.25	$ 287.50
S-INT	$ 174.03	$ 277.92	$ 142.91	$ 138.24	$ 733.10
S-NC-Refund	$ 618.72	$ -	$ -	$ -	$ 618.72
S-Other	$ 37.25	$ 60.00	$ -	$ 5.00	$ 102.25
S-Refund	$ -	$ 5.00	$ -	$ -	$ 5.00
S-Rjsales	$ 742.75	$ 70.00	$ 585.00	$ 660.00	$ 2,057.75
S-Shirts	$ -	$ 140.00		$ -	$ 140.00
S-transfer	$ 1,200.00	$ -		$ 6,246.20	$ 7,446.20
TOTAL INCOME	$ 13,988.75	$ 10,519.32	$ 10,975.01	$ 19,213.19	$54,696.27
EXPENSES					
S-Bank	$ 70.80	$ 4.18	$ 12.50	$ -	$ 87.48
S-HOTP	$ 140.85	$ -	$ -	$ -	$ 140.85
S-Internet	$ 324.53	$ 19.95	$ -	$ 108.08	$ 452.56
S-Jour-Postage	$ 955.56	$ 66.15	$ 1,053.59	$ 1,820.20	$ 3,895.50
S-Jour-Print	$ 6,615.25	$ 7,978.80	$ 7,369.74	$ 6,679.62	$28,643.41
S-Lodging	$ 1,973.82	$ 1,937.21	$ -	$ -	$ 3,911.03
S-Mail Serv.	$ 275.00	$ 304.61	$ 309.58	$ 316.96	$ 1,206.15
S-Medicare	$ -	$ (2.84)	$ 3.24	$ (7.56)	$ (7.16)
S-Office	$ 360.29	$ 1,687.85	$ 379.47	$ 166.49	$ 2,594.10
S-P.O. Box	$ -	$ -	$ -	$ 20.00	$ 20.00
S-Phone	$ 291.62	$ 257.03	$ 284.08	$ 307.63	$ 1,140.34
S-Postage	$ 197.84	$ 102.15	$ 168.03	$ 93.56	$ 561.58
S-Promotional	$ -	$ 1,805.00	$ -	$ -	$ 1,805.00
S-Repair	$ 460.72	$ -	$ 259.64	$ -	$ 720.36
S-Salary	$ -	$ 195.70	$ 168.66	$ 521.44	$ 885.80
S-Shipping	$ 38.25	$ 899.59	$ 234.95	$ 130.25	$ 1,303.04
S-SSecurity	$ -	$ (12.14)	$ 13.81	$ (32.33)	$ (30.66)
S-Tax	$ 330.13	$ 422.40	$ (377.19)	$ 327.24	$ 702.58
S-Travel	$ -	$ 34.90	$ -	$ 55.50	$ 90.40
TOTAL EXPENSES	$ 12,034.66	$ 15,700.54	$ 9,880.08	$ 10,507.08	$48,122.36
TOTAL INCOME - EXPENSES	$ 1,954.09	$ (5,181.22)	$ 1,094.93	$ 8,706.11	$ 6,573.91

ASSETS	Jan-98 Balance	Mar-98 Balance	Jun-98 Balance	Sep-98 Balance	Dec-98 Balance
SERA Account	$ 4,128.16	$ 7,289.50	$ 4,104.24	$ 4,303.73	$12,871.60
SERA Transfer Account	$ 1,175.15	$ 2,128.15	$ 3,178.15	$ 2,267.45	$ 3,900.00
SERA's Savings Account	$ 21,890.70	$ 20,683.45	$ 20,961.37	$ 21,856.81	$21,995.05
TOTAL ASSETS	$ 27,194.01	$ 30,101.10	$ 28,241.76	$ 28,427.99	$38,766.65

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North Carolina News

(Continued from Previous Page)

As another very active club, their Christmas party has a two meter radio as the door prize, plus many other items. Besides the successful party, the group assisted with communications at a Christmas parade and the Western NC Soccer tournament, reports Editor John Ledford, N4GOQ.

* * * * *

Mecklenberg ARS voted President Bill Schmitt, AE4XV; VP Shawn Goodin, K4RSG; Secretary George Fryer, KI4KK; and Treasurer John White, WB2NHQ.

The club has been featuring a Public Service Contest run by Shawn Goodin, K4RSG. They also participated in the JOTA from Discovery Place in Charlotte, announced Contest chairman Paul Ponak, AD4IE.

* * * * *

Mary Verkuilen , K4MDV, in sending The Transmission Line,the official 'Electronic Publication of the Union County Amateur Radio Service via Internet', reminds me that several other clubs have provided news to their members through electronic means. See their page at http://www.charweb.org /organizations/mars/mars.htm.

* * * * *

Dave Hockaday, WB4IUY, seeking APRS sites in North Carolina, calls my section the 'black hole of EC'. He was looking for several locations in Wake County, also. Dave can be sent email at wb4iuy@amsat.org. If you haven't looked at the fascinating APRS activity which combines amateur radio and the Internet, check the web page at www.aprs.net.

-Gene K3EJG

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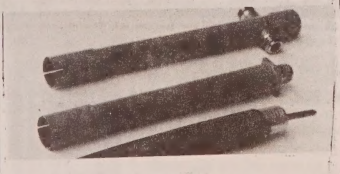

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SERA Board Meeting - Continues

various hamfests within their districts as much as possible. Thus far, over 30 hamfests are on schedule to be visited between now and May.

Jim Fonte, W4JMW will head a group to proceed with writing a proposed SOP manual for the coordinators. The manual will also later, include procedures for other areas of the organization. The Board agreed this is something that is needed.

Certificates of Appreciation

(Top Photo) Stu Sims, N4MXC, former Director of Georgia - (Lower Photo) Jerry Shouse, N4EQT, retiring Director for Kentucky are each presented with a Certificate of Appreciation for their years of service in SERA. The certificates by SERA President, Don Williams, W4VT. Lin Couch, K4OLC, retiring NC Vice-Director was not present.

Lin Couch

One of the final items on the Board's agenda was passing a proposal by David Ward, KA4LVO, the Data and Archives Manager. Ward is proposing a long-range plan to digitize the entire SERA archives. He said the present paper versions of the archives take over 45 crates and contain over 40,000 sheets of paper. He estimated the job which would be done on a time permited basis would take approximately 2 years to complete. The advantages stated in the proposal were that having archive files digitized and placed on CDs, any coordinator would have at his fingertips, any data or information on any repeater, dating back to its inception or more than 20 years, when files began being gathered. He said it would also provide for this valuable resource to be stored on multiple sites, instead of one place. The Board okeyed the expenditures for the project.

The Board also approved the yearly request that the officially copyrighted SERA Repeater Listings be provided the ARRL for their 1999-2000 National Repeater Directory.

Regional Boundaries Are Changed For Virginia Coordination

-by Don Williams, W4VT, Virginia Director

The Virginia district of SERA has recently undergone a change in regional boundaries. This basic intent of this change is to change coordinator responsibilities, adding the Shenandoah Valley north of Roanoke County and areas east of Roanoke County to the coordination area for which Doug Sharp, K2AD, will be responsible. This means that Don Williams, W4VT, will no longer be responsible for these areas. Don will continue to be responsible for coordinating southwestern Virginia to the west, including Roanoke, Rocky Mount, and Martinsville

Doug is now responsible for all counties east of and including Allegheny, Botetourt, Bedford, and Pittsylvania. This area excludes the T-MARC parts of the counties which are north of a line composed of the 38th parallel to the Atlantic coast and US 33 as it extends northwest from the 38th parallel in Louisa county to the West Virginia state line. The counties of Rockingham, Greene, Louisa, Caroline, Essex, Richmond, Westmoreland, Northcumberland, and Accomack are all divided by this line.

If you would like to see a map showing these newly defined regions in Virginia, just go the SERA web site at http://www.sera.org, click on "SERA Districts" on the menu bar at the top of the page, and then then click on the Virginia map on the "District Information" page. Other information about the Virginia district is on this page of the SERA site.

JOURNAL FUNNY STUFF BY AD4QQ

A "NEW" JOURNAL SERIES

Getting Started

-by GARY PEARCE, KN4AQ
kn4aq@sera.org
116 WATERFALL CT.
CARY, NC 27513

Are you a new ham, still scratching your head about the details of ham radio (especially VHF-FM and repeaters)? Do you know a new ham? Or maybe you're an old-timer who finally made the move from the DC bands to the rarefied air of VHF/UHF. Keep reading - this column is for you!

Last week, a question popped up on a local newsgroup from a fellow who had passed his Tech test and was waiting for his new license:

"Just passed my Tech exam today. I tested in Hillsborough (NC). They were great. Made my first exam very easy. I can't wait to get on the air. If anyone has any tips or advice on how to make my first contacts, please let me know. YEEESSSS!!!! - Mark Goods"

Great question, Mark! He got several quick replies, mostly saying he should listen a lot first. That is good advice, but it hardly covers everything a new ham wants to know. I had a longer answer . . . several pages longer. It was called the RARS Repeater Operating Guide, something I put together for the Raleigh Amateur Radio Society a few years ago in the peak of the storm of new Techs just after the FCC dropped the code requirement.

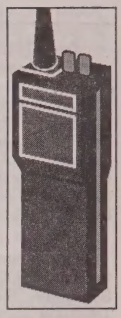
More recently, I put it on the RARS web site, where our Repeater Journal editor Wayne Williams, K4MOB, got a peek at it.

Wayne liked it, so he proceeded to stroke my ego enough to get me to agree to modify it to work as a series for the Journal. So here it is - the start of a regular column for new and old hams getting their feet wet in FM. QST already had dibs on the title "New Ham Companion," so I figured the title "Getting Started" was simple and descriptive. We managed to get the entire modified document into this one issue of the Journal so you can see what we are planning. In Future issues, we'll move on to explore other mysteres of those boxes on the hill.

I'm going to start at the very beginning - a little too far back for someone already reading the Repeater Journal. But this way, you'll be able to hand this issue to that green-bean you're elmering and help him get in on the ground floor. Here we go!

The SERA Repeater Operating Guide

Let's get basic for a few paragraphs . . . and if you're an old-timer, you might want to read through this section just to see if we got it right.



First, what exactly is a "repeater"? And why do we use them?

Without repeaters, the communication range between Amateur VHF-FM mobile and handheld radios at ground level is limited - five to fifteen miles for mobiles, and just a couple of miles for handhelds. The distance you can communicate is usually referred to as "line-of-sight" - - you can talk about as far as you can see (if you cut down the trees).

To extend our range, we use repeaters. A repeater is a specially designed receiver/ transmitter combination. When you operate through a repeater, its receiver picks up your signal on the input frequency, and the transmitter re-transmits - or "repeats" - you on the output frequency. For example, one common repeater frequency combination is 146.340/ 146.940 MHz. A repeater using these frequencies will listen for you on its input - 146.340 MHz, and repeat you back out onto its output - 146.940 MHz. Hams use a lot of "shorthand" language, so you'll hear this repeater referred to as "Nine-Four."

Repeater antennas are located on tall towers, buildings, or mountains, giving them much greater range than radios with antennas near the ground.

And when you're in range of a repeater, you can talk to everyone else in range of that repeater. But what kind of coverage can you expect? There's no single answer to that question! It depends on many things, the most important factor is antenna height - yours and the repeater's.

Here's a simple example: one repeater in Raleigh, NC has an antenna about 300 feet above average terrain. It's about 225 feet up on the side of a tower, and the tower is on a ridge overlooking the gently rolling ground. When I'm operating from my car with a 50 watt mobile radio and an antenna on the roof, I can reliably use the repeater out to about 20 miles. From 20 to about 30 miles out, I'll lose the repeater when I'm in a ravine or behind a hill. Beyond 30 miles, I can only use the repeater from high ground, and finally only from the highest hilltops, until I lose it altogether at about 45 miles.

Here's another example: there's a repeater on top of Mt. Mitchell in western North Carolina, the highest acre of land east of the Mississippi (actually, the repeater is one peak over, on Clingman's Peak, but everybody calls it the Mt. Mitchell Repeater). Mt. Mitchell happens to be right on the edge of the Smoky Mountain range, looking southeast on a broad swatch of Carolina plains. A mobile out there in the flatland can use the Mt. Mitchell machine for well over 100 miles. But a mobile heading northwest from Mt. Mitchell is heading deep into the mountains, and will find very spotty coverage as the other mountains block their view of Mt. Mitchell.

That's the short story on coverage.

(Continued on Next Page)

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Allen 99

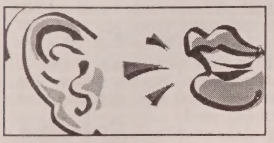
GOOD FOR THE NEW HAM Getting Started

Repeaters can have many features beyond just extending the range of mobile or handheld radios. One especially useful feature is called Autopatch. A telephone line and special control equipment at some repeaters allow you to make local phone calls from your radio. Now, this is not exactly a replacement for a cellular phone. You can't use Amateur Radio for your business, including autopatch. You can't receive calls, you can make only local calls, and your conversation is not private! Everybody else listening to the repeater hears your call. Still, autopatch is handy, within its limitations.

So that' what repeaters are. But...

How Do you Use Repeaters?

There are literally thousands of repeaters across the US (and the world). Each one can have it's own peculiarities and unique operating procedures, but there are some basics that apply to almost all of them. Any time you try to tell a ham how to operate a radio, you risk an argument. I'll take that risk, if you'll keep in mind that this is just a guide, and some people in some places might do it different!



PLAIN OLD TALKING. Mostly, you're here to get on the air and chat, right?

OK, first you set your radio for the repeater you want to use. Don't know how to find a local repeater frequency? The Journal Repeater Directory is great for that, and local hams can help, too. If you're outside the SERA area, ARRL's repeater directory is a good guide. At the very least, you can just scan across the band for activity using the chart on a next page.

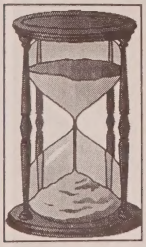
Once you've selected a repeater and dialed it up on your radio, the first thing you should do is . . . LISTEN for a minute. Repeaters are party lines.

Lots of people use them on and off throughout the day, and the one you've selected may be busy with another conversation right now. So listen for a minute. (Does anyone remember what "party lines" are? Kids, ask your grandparents!)

If the repeater isn't busy, key your transmitter and say something like "KN4AQ listening. Anybody want to chat?" (Use your own call, not mine, please).

When you release your transmit button, most repeaters will stay on the air for a few seconds, and many will send some kind of "beep." Then, the repeater transmitter drops off the air. The beep is there to remind everyone to leave a pause between transmissions in case someone wants to break in. Even if there's no beep, leave a pause. Somebody may have just come across a traffic accident and needs the repeater to report it. If nobody leaves a pause between transmissions, they can't break in.

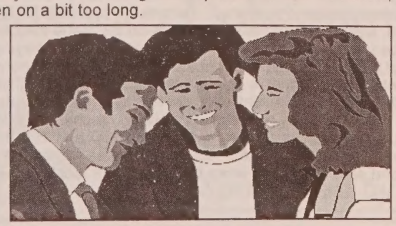
If somebody answers you, then have a good time! You can talk about anything you want - there are not many rules about the content of Amateur conversation. You can't use Ham Radio to conduct your business, but you can talk about where you work and what you do. Prime time TV language has been peppered with some "hells" and "damns," and so has language on some repeaters. I'd like to discourage that. You're not having a private conversation - you may have lots of listeners, some of them children. Keep that in mind as you choose language and subject matter.



How long do you talk? I see you're catching on to the party-line concept.

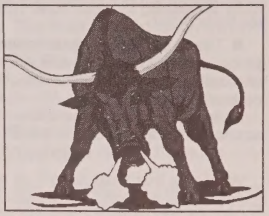
Maybe somebody else wants to use the repeater when you're done. There's no hard rule. It depends on the time of day (rush hours are prime time for mobiles, evening is also a busy time, while 2 a.m. is pretty empty), and who else might want to use the repeater. Some repeaters are busy all day, and some are rarely used. If you've been interrupted several times by others needing the repeater to call someone, maybe you've been on a bit too long.

THREE-WAY RADIO. Not all conversations are strictly two-way. Three, four or five or more Hams can be part of a "roundtable" conversation (five or more will be pretty unwieldy). A freewheeling roundtable is a lot of fun . . . and it poses a problem: when the person transmitting now is done, who transmits next? Too often, the answer is every- body transmits next, and the result is a mess. The solution is simple - when you finish your transmission in the roundtable, specify who is to transmit next." . . . Over to you, Rick. KN4AQ."



WE PAUSE FOR STATION IDENTIFICATION. The Rules say you must ID once every 10 minutes. Most repeater owners are big on clear identification when you use their repeaters, but you don't have to overdo it. Give your callsign when you first get on (this isn't specifically required by the rules, but it's common practice), then once every 10 minutes, and again when you sign off. You don't have to give anyone else's callsign at any time, although sometimes its a nice acknowledgment of the person you're talking to, like a handshake.

BREAKING IN. Repeaters are shared resources - the party-line. There are many times and reasons that a conversation in progress might be interrupted. You might break in to join the group and add your comments on the subject at hand. Someone might break in on you to reach someone else who is listening to the repeater. You might have to report an emergency.



How to break in is the subject of debate and disagreement. Here are some suggestions:

■ Pick a good time. If you have an emergency, a good time is NOW. That's why there's a pause between transmissions. Otherwise, listen a bit. Read the ebb and flow of the conversation. One of the fastest ways to establish a reputation as a jerk is to frequently butt your way onto the air without regard for the people already talking.

■ Give your call, and say what you want. When you've listened and decided it's OK to break in now, transmit quickly when the other station stops, before the beep, and say something like this: "KN4AQ, I have an emergency," "KN4AQ, can I make a call?" or "KN4AQ, can I add my 2¢?"

■ What about "Break?" The problem with just plain "break" is that nobody knows exactly what it means, and everybody has to stop and find out. Some Hams will tell you that "break" means "I just want to join in or make a call," "break-break" means "I have very important traffic," and "break-break-break" means "I have a dire emergency." That's fine,

(Continued on Next Page)

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GOOD FOR THE NEW HAM Getting Started

but not everybody knows that. Plain English works better.

■ Maybe somebody's breaking in on you. What do you do? Easy - let them transmit, right now, unless you know absolutely and for sure that they do not have an emergency. Maybe somebody hasn't read this guide and isn't the expert operator you are now, and they just say "break" or drop in their call, when what they really mean is "HELP!" So let them talk. Say "go ahead," and give your callsign. And if they're one of those boneheads who's interrupting your perfectly good conversation for no reason but to hear themselves talk, well, bite your lip and be glad you know better.

■ The exception is when someone actually announces an emergency. Then CLEAR THE DECKS! DO NOT TRANSMIT! The station who declared the emergency has the frequency, and unless they ask for your help, don't give it.

Unless . . . always an unless . . . they obviously don't know how to handle the situation . . . and you DO. (You do, don't you?)

#$%~‡@&#+*!!

What was that I just heard? A stream of foul language and nasty noises on the repeater? Jamming? Sounds like something straight out of CB! I'm OUTRAGED, and I'm gonna tell that sucker off! He can't get away with that on our repeater! Gimmie that microphone!

Cool down. It doesn't happen often, but it does happen - it's a big world out there, and there are some bad people in it. Some of them find a Ham Radio now and then, and discover the delight of offending an audience.

The key word is audience. Deliberate interference and bad language are designed to make you react. The person doing it wants to hear you get mad. They love it.

And if they don't get it, they go away, usually quickly.

So when you hear the rare nasty stuff on the repeater, my advice is to please ignore it completely. Don't mention it at all on the air. Don't mention that you're not mentioning it. Sometimes a repeater control operator will decide that the best way to handle the situation is to turn off the repeater or one of its functions for a while, but the rest of us should bite our tongues and be silent.

West Virginia's first of the year - Our 21st Annual

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e-mail: kc8con@usa.net web: www.geocities.com/CapeCanaveral/Launchpad/4842

Making An Autopatch Call

An Autopatch allows you to make local phone calls from your Amateur Radio, through special control equipment and a telephone line connected to a repeater.

The autopatch may require an "access code," much like a computer password, but sent in Touch-Tones. Some repeaters have "open autopatch," allowing anyone to use it. Their access code is often just a * (STAR). Other repeaters have "closed autopatch." The patch codes are disclosed to members only, although usually members are encouraged to place calls for hams traveling through town.

The procedure for using an autopatch depends on the policy of the repeater's sponsor, and on the design and programming of the control system. You really need to get some local information from the club or repeater owner before proceeding. This is a basic guide to prepare you for what to expect:

First, make sure the repeater isn't busy. If you've just turned on your radio and don't want to wait a minute to see if the channel is active, you might ask "is this frequency in use? KN4AQ." If you have a clear channel, then here's what you do:

On some basic patches, you identify yourself and your intentions ("KN4AQ Autopatch"), dial the access code, unkey your transmitter and listen for a dial tone. Then dial the number. On other patches, you dial the access code and telephone number as one string of digits, and it stores and then regenerates the number. You then hear it dial and ring.

The party you called says hello, and you transmit and talk.

Most people on the telephone end get a little confused by autopatches until they've had some experience with them. When you are transmitting, they can't interrupt you, but they don't know that. So even though they're being rude by interrupting, they will think you are being rude by continuing to talk and "ignoring" them. You can reduce this problem by keeping your comments very short, and releasing your transmit button immediately after your last word.

Another common source of autopatch confusion is the Dead Phone Effect.

When you transmit, some noise accompanies your voice on the phone line, even if you have a very good signal into the repeater. And when you stop transmitting, there's usually a little click or pop on the line, then it goes dead silent. The party on the line thinks the phone's gone dead.

They will say "Hello? Hello? Are you still there?" or something like that.

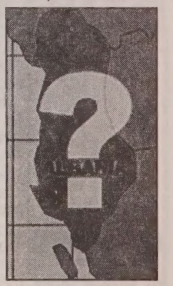
We enjoy it.

When you're done with the call, say good-bye, just like on a regular phone call, and let the party on the phone hang up. Then you hit the "kill code," which on many autopatches is the # button. And identify again ("KN4AQ, clear autopatch"). Listen to make sure you successfully killed the patch (the repeater may talk to you, or beep, or just drop). Some repeater owners will ask for a bit more complex procedure, like identifying the person you were talking to.

Business calls on an Amateur autopatch are a sensitive area. In September 1993, the FCC relaxed the rules on some business-type communication. You should get a copy of the rules and become familiar with all of them, but here we're specifically talking about 97.113 "Prohibited Communications."

The FCC says you can not use Amateur Radio for your business or employment, but now you can use Amateur Radio for personal communications that involve dealing with a business. The often-cited example is "using an autopatch to order a pizza" - in the past, this would have been illegal. Now, this kind of call is legal, but some repeater owners still prohibit all types of "business" traffic.

DX!



Well, you probably won't be hearing Albania on two-meters anytime soon, but VHF does have it's own form of DX. Earlier in the article, I described a repeater that had about a 35 mile range. Usually. Sometimes, though, VHF/UHF "opens up," and stations can be heard for hundreds of miles. This weather-related phenomenon is another book-length subject.

I'll just squeeze in that VHF/UHF band openings are a double-edged sword. It's exciting to talk to someone 200 miles away, and it's OK, too. But keep in mind that repeaters were designed to cover local territory, not half the country. So when the band opens up, there is the potential for lots of interference as well as lots of fun. Repeaters on the same frequency will suddenly be too close together. You could very easily be keying up two or more of them at once, even from a handheld! To be responsible, get to know where your signal is going (a repeater directory will help). Use a directional antenna, minimum power and keep your conversation short.

Almost every repeater is ringed by co-channel neighbors, repeaters using the same frequency, between 100 and 200 miles away. You'll want to be sensitive to those neighbors as you decide how much power and antenna to use when talking on your local machine.

(Continued on Next Page)

GOOD FOR THE NEW HAM Getting Started

How much power is too much? Within the local coverage area of most repeaters, two to five watts into a mobile antenna is all you need. 45 watts is excessive. At home, with an antenna up on the roof, 45 watts is really excessive for talking through a local repeater. When the band is open, even a five-watt mobile signal can travel to the neighboring co-channel machine. At those times, patience and courtesy will help a lot.

Simplex

This may come as a shock, but you don't have to use a repeater to communicate on two-meter FM. You can use simplex, which means your radio talking to my radio directly. We do have that five to fifteen mile range - much more if we're on our home stations. Why not use it? But don't just pick any old frequency your radio can generate to talk simplex! You may end up on the input of a repeater and interfere with people you can't hear. In this area of the Southeast, use the SERA recommended Band Plan FM Voice simplex channels. Keep in mind, some of the designated simplex frequencies are also in some areas, repeater input frequencies. The best suggestion is listen and be careful.

SERA Recommended Voice Simplex Frequencies

146.400*	146.475*	146.550	147.420*	147.480*	147.540
146.415*	146.490*	146.565	147.435*	147.495*	147.555
146.430*	146.505*	146.580	147.450*	147.510	147.570
146.445*	146.52++	147.405*	147.465*	147.525	147.585
146.460*	146.535				

Note: ++ 146.52 is the national Simplex Frequency channel

Note: Simplex Frequencies with an asterisk (*) may be utilized as repeater inputs in many areas of the Southeast. Please check your repeater directory and use these simplex frequencies with care.

Band Plan?

Yes, there is a plan organizing frequency use for two-meters (and, for that matter, every Amateur band). For the most part, band plans are voluntary - the FCC regulates only a few modes and band segments.

Band plans for HF are international, and you'll find them on the ARRL web site. Band plans for VHF/UHF are developed by regional coordinating groups, and of course that's what SERA is.

Below is a simple block diagram based on SERA's Two-Meter Bandplan. You may also see the complete SERA Band plan at our website: < www.sera.org >

The complete two-meter band plan is much more detailed than this chart shows. The Repeater and Packet segments are divided into more than 100 individual "channels" for repeaters and simplex operation. For a really complete look at the two-meter band, I have a PDF file you can download from the World Wide Web. It contains a chart showing every channel in the band. The chart will print on an 81/2x11 sheet. You'll need your reading glasses (sorry).

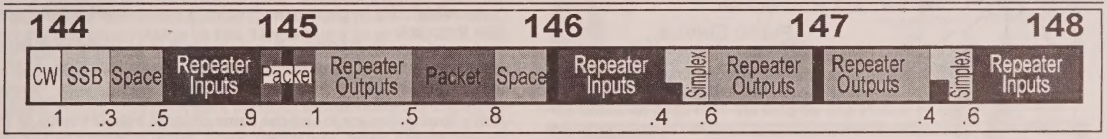
The band plan looks complex, perhaps even convoluted, doesn't it? That's because two-meters grew in spurts, a little here, a little there. In the early 1960's, there was just a little AM and SSB activity clustered right above 145.0 MHz. FM and repeaters were barely getting started, around 146.940 MHz. The rest of the band was empty. FM began to grow, but it was constrained by FCC regulations that let Techs use only 145.0 to 147.0 MHz.

Satellites were launched, packet was invented, and rules changes moved Techs and repeaters around the band. Everyone needed a slice of the pie, and the result is the band plan you see in the chart. (When I teach a class in the fall, I say that two meters is carved up like a Halloween Pumpkin.)

Check out the frequency coverage of your shiny new two-meter FM handheld.

It covers the whole band, doesn't it? But if you use it any-old-where, you might interfere with someone - maybe an SSB operator, or a satellite station, or a repeater input. Please stick to the Band Plan channels.

(Continued on Next Page)



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GOOD FOR THE NEW HAM Getting Started

If we all do that, we'll get maximum use and enjoyment out of the band.

Note: SERA publishes a 4-page booklet containing all the official VHU/UHF SERA Frequency Utilization Plans (Band Plans) for the Southeast. To receive a Free Copy, send a SASE (33¢ postage) to the Repeater Journal editor. His address is listed on page 2 of this magazine.

Emergencies

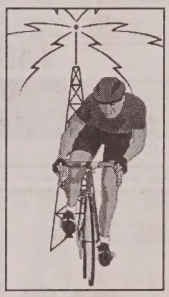
Helping to communicate in emergencies is Amateur Radio's #1 reason for existence. Repeaters, especially with autopatch, are excellent tools for emergency communication, and the most frequent type of emergency called in is the traffic accident. Many repeaters have some kind of 911 access via their autopatch. And that's why we leave a pause between transmissions - you never know when someone (you) will need the repeater in an emergency.

Skywarn/ARES

We also use repeaters to help the National Weather Service in an operation called SKYWARN. Most areas of the country are covered by a repeater dedicated to SKYWARN during bad weather. When severe weather threatens the area, listen to your area SKYWARN repeater, and follow instructions from the net-control station.

ARES is the Amateur Radio Emergency Service. During any kind of emergency, ARES operators will be using repeaters for local coordination and traffic-passing.

During these operations, the active repeater will probably be "closed" to regular conversations. But unless a major disaster has hit the area, there will be other repeaters available for regular activity. Ask the net control station for the status of the repeater.



Public Service

Hams across the country regularly help charitable organizations with communications during fund-raising events like bike-a-thons. Repeaters and simplex are both used for public service events. Their activity isn't very compatible with other hams "rag-chewing" on the same channel, so during the event a repeater will again be "closed."

If you need to make a call or a quick autopatch, call the net control station and most likely you can use the repeater for a minute with no problem.

Giving Directions

What's "giving directions" doing in a repeater operating guide? Just listen for a while, and you'll hear why. We give a lot of directions on repeaters, to locals in an unfamiliar part of town, and to traveling hams visiting the area. And, sad to say, too often we do it badly.

One person will give adequate directions, and someone else just has to break in to give his favorite shortcut. Or somebody gives a two-minute long string of street names and landmarks, non-stop. The poor, lost ham who asked will then thank everyone politely, turn off the radio, and pull into a gas station to try again. We literally fall all over each other trying to be too helpful!

If someone has given directions that will get the traveler to her destination, let it be. Make a correction only if the directions are dead wrong. If it's your turn to give the directions, keep them short and simple. And it might be helpful to find out where the mobile station is before telling him where to go!

Nets

Repeaters are great places for nets, and there are lots of nets. A net is an organized on-the-air activity. We've mentioned a few already, like SKYWARN and ARES, but there can be many other types - traffic nets, rag-chew nets, specialty topic nets, club information nets, and more. When a net is active on a repeater, the repeater is "closed" to other activity.

The net-control is in charge of the frequency, and all communication should be directed to that station first.

You might be a little nervous the first time you check into a net. Listen carefully to see how it works, and when the net control station calls for check-ins, tell them it's your first net. They'll take some extra time with you to help figure it out.

Timers

Almost all repeaters have something called "timers." - a clock that starts counting when you begin to transmit through the repeater.

Typically, this clock is set to "time-out" after about three minutes.

That means that if you transmit continuously through the repeater for more than three minutes, the repeater will go off the air (we call it "timing out").

Repeater timers usually reset to zero when you, the user, stop transmitting. If the repeater has a "beep," the timer probably resets when you hear the beep. So you have to keep your transmissions under three minutes, and always wait for the beep, to avoid having your transmission dumped by the repeater timer.

The three-minute timers are one way to comply with the FCC rules for stations being operated by remote control (most repeaters are remotely controlled). They are not designed as punitive measures for gabby hams . . . but come to think of it, given the party-line nature of repeaters, and the potential for that emergency traffic, it's a good idea to keep your brilliant monologues a bit shorter anyway. If you must ramble on, orator that you are, don't forget to let the timer reset, and check if somebody else needs the repeater, after a minute or two.

Coded Squelch

There are two kinds of Coded Squelch commonly available to Amateurs. They are CTCSS, commonly called "PL" (Private-Line, a Motorola trade name), and also called "Subaudible Tone", and DTMF, more generally known as Touch-Tone (an AT&T trade name. You know, the beeps you get when you dial any old phone). The purpose of coded squelch is to allow special signaling from a transmitter to a receiver, either to turn the receiver on, or to access special functions (like autopatch).

CTCSS (Continuous Tone Coded Squelch System) keeps your receiver quiet on a busy channel until the station you want calls. It adds a "subaudible" tone to your audio, one of 37 very specific frequencies between 67 and 250.3 Hz.

Yes, humans can hear these frequencies quite well, so they're "subaudible" only because your receiver's audio circuit is supposed to filter them out.

A receiver with CTCSS will remain silent to all traffic on a channel unless the transmitting station is sending the correct tone. Then the receiver sends the transmitted audio to its speaker.

In commercial radio service, this allows Jane's Taxi Company and Bob's Towing Service to use the same channel without having to listen to each other's traffic. In Amateur Radio, some repeaters require users to send the correct CTCSS tone to use the repeater. This may mean the repeater is "closed," for use only by members, or it may simply be used to avoid being keyed up by users of their co-channel neighbor 100 miles away.

You can use CTCSS yourself, if you have a decoder in your radio, to silently monitor a busy channel for stations calling just you. Arrange the tone to use in advance, and set your radio to CTCSS decode mode. Have a friend send your tone when she calls. You won't hear anyone else.

But, be sure to turn your decoder OFF before you make a call, or when you answer one, or you might interfere with someone you aren't hearing. Note that some repeaters will not pass these low frequency tones, so test the repeater you're planning to use before you count on it as a signal path.

Some repeaters will pass the higher tones, but not the lower tones.

DTMF (Dual Tone Multi Frequency, or Touch-Tone) is used all over Amateur Radio for autopatching and remote control. Many new radios are also coming equipped with touch-tone decoders and a mode called "paging." Again, with a DTMF decoder you can silently monitor a busy channel. But this time, instead of listening for a subaudible tone, your radio is waiting for a specific sequence of touch-tone digits. Once again, please turn off your decoder before making a call - that "quiet" channel may have been busy for hours!

Well, we've done it. We've reached the end of the original "Repeater Guide." Not as entertaining as the Happy Hamette, but hopefully you've got a better idea of what's going on when you use that HT or mobile rig.

Now What?

Well, the Guide skimmed the surface of a lot of topics that we can cover in more depth. And perhaps you have some questions that weren't answered (or weren't answered right!). Let me know, and I'll get them answered. If I don't know the answer, I'll find someone who does. You can e-mail me at: kn4aq@sera.org, or write snail-mail to: Gary Pearce KN4AQ, 116 Waterfall Ct., Cary, NC 27513

Coming in the next Issue

Gary will bring you more items that will help you if you're new to Amateur Radio, most especially when you are entering the world of VHF/UHF Repeaters. If you have any questions, or have a subject you would like Gary to cover just let him know via email or mail.

tales of the
happy hamette
CINDY ROGERS, KR4LS
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545 WATERBURY DRIVE
FAYETTEVILLE, NC 28311

My Boysie is so Noisy with his Toysies

Radio Romeo listens to static.

The man listens to just noise on the HF, especially. He loves all the bubbling noises, the kiizzzzzzch noises, the glub-glub-glub and just plain static of HF. He even listens to digital transmissions. He looooves to hear FEC being transmitted. The Twilight Zone was written with Radio Romeo in mind. Woo-weee-oo. Now, VHF doesn't have the same quality of noise that HF does. It's nice but not so clattery and whizzy as HF. However, it has it's noises. Ah, yes. But, HF is the king of noise. It's da man. Radio Romeo listens in a non-discriminating manner to all sorts of noise on HF and just loves it. Eats it up.

I don't understand.

I was a therapist, later a social worker but, I still don't understand mah man.

What is hardest to understand is that this is a man who used to tune pianos and organs by ear. In other words, a man who sought perfection - or as close to it as he could come - in sound. He has total disdain for the modern tuning machines that do it for the piano tuner. He can tell you when someone or instrument is off pitch and why. He will turn off the music that has too much discordant tones. Can't stand a flat singer even if she is pretty. But, will listen for hours to all that radio racket.

See, y'all, to a woman, if we are going to listen to a radio for hours, then the noise on the radio should make sense. It ought to have discernable words. Not kzzzzzqqfffffttttt for hours and hours. Radio Romeo is not the only male HAM to do this. I know that a lot of YOU do it. Yes, YOU readin' this. You are the ones who still say the royal "we" for "I" and ask everyone who will listen or tell same if one is "noisy into the repeater". Aaaaagh. And you wonder why women don't want to get on the radio. Honey, they don't want to HEAR all that noise any more than they have to. I have had many, many women tell me that is why they won't get near a radio except in a natural disaster like a 70% sale a Belk's or a NASA shuttle expedition.

I am a dedicated HAM. Oh, yes. I do a lot of extra activities on the radio and in traffic that qualify me as a heavy-duty HAM, a real user/hobbyist/volunteer/yada-yada-yada. But, when I get on the radio, I am purposeful. I don't get on to yack myself silly. I do lurk to hear you so I know what is going on. I know that the radio is supposed to be enjoyed and used beyond it's primary purpose of a method of emergency communications. Some of you would think that I don't do that from what I just wrote. But, I have a lot of fun and great fulfillment from HF, MARS and 2M. But, I don't waste air time and space. I am decidedly NOT one of those " Are ye gettin' the fried chicken and the mail fer me, Hunny?" HAMETTEs.

Granted we need all kinds to make the frequencies go 'round. Some of those very chicken-mail getters are the very ones who make great SKYWARN spotters because they are always there.

Back to the noise. By the very nature of VHF, you don't get all the different noises. You have clearer transmissions and the repeaters are what they are - stable means to talk unless one is out of range, has a weak battery, etc.

One thing I don't understand about 2M people. They will use phonetics ad infinitum on clear transmissions. You don't have the need to give phonetics on 2M even with call signs. In fact, it is silly to hear someone do that checking into a net or just talking when all is clear. It's like they are pretending that they are on HF with some major DX station.

Another thing - why do some operators say "Hi Hi"? They are really being silly. You can hear a natural laugh well enough. I think the sound of a chuckle is much better than a the fakey "Hi Hi".

That is noise to me.

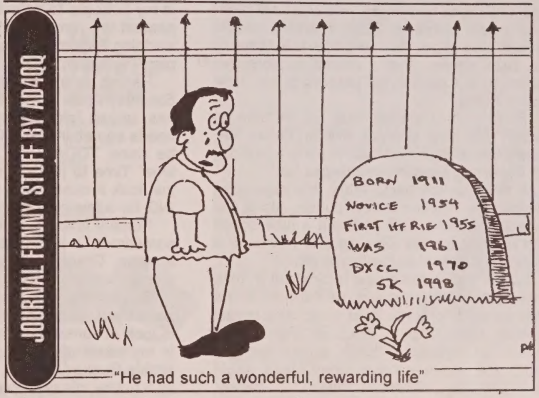
Another related verbal noise are those men on 2M who try to get away with all the business that they can on a repeater. There are also the ones who get on a repeater and tie it up for hours on end with junk talk. There is actually a group of men in my state who do what they call "can" (bathroom) contest or humor on a wide-area repeater. One man, while transporting young children, was doing this "can" stuff over the air. Can you imagine? These people are the lowest dregs of our hobby. And they wonder why we are in danger of losing frequencies, sometimes have poor response in emergencies and special events and other HAMs get demoralized about getting on the air. I am disgusted by these people. As a lady HAM, I am deeply offended. My heart goes out to all the repeater owners and trustees who give us these wonderful machines, maintain them and have to put up with this. These people take great advantage of owners and the rest of us. We need to support the owners in their efforts in stopping these on air behaviors. As HAMs, we ought to show the best of ourselves on repeaters, not the worst. We are supposed to be "professional Amateurs" so we sure ought to act like it. Our hobby is supposed to be to help and to have fun.

Now, on the other hand, the mechanical noises on VHF make sense to me. I like them. I love to hear the little tones when you trip the repeaters.

Each one has it's own little beep or blip or bloop. I love hearing repeater IDer's in CW. I hope that never changes. I hope that as CW goes, regrettably, more into disuse, that it will remain even to augment a voice ID system. It is still the most reliable mode along with 2M. Bloop.

Back to Radio Romeo. My attempts to ask him why he listens to HF noise got me a few answers. He told me that he likes to monitor digital activity on the appropriate MARS bands. Since he is the Automation/Digital Coordinator for Army MARS, THAT made sense because that is part of his job. As to the other noises: whizzzzzzitfummmppptzz and glub-glub-glub that Jim listens to with some kind of look of understanding on his face - - he is a REAL MARSian, a real he-man male HAM that likes all the radio has to throw at him and my favorite boy.

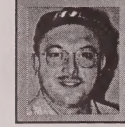
Bloop, whiz, kiizzzzzzch.



"He had such a wonderful, rewarding life"

Get the Hammer!

And let's get technical



Randy McKenzie, KB4YFV
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Things Change and My Recliner

Sometimes I wonder about the timing of events in our lives . . . For example: I left Broadcast Radio five years ago for better pay and benefits. I had a personal conflict with a manager that knew everything about everything . So I left, swearing never to return.

Five years later, the manager has gone, my replacement is gone, and the station owners ask for me to return on a part-time basis. Looking ahead for me, my wife and I are planning a new house for 2000, maybe a couple of kids, and of course some new HAM toys . . we both agreed that I should explore the return to Broadcast for improving our new house funds.

Extra cash is always nice. So I'm back at WBRF FM and WWWJ AM in Galax VA. Funny how things work out. I'll keep you posted. Lightning season was always fun !

A few months back, Mary (my new wife) decided we needed a new couch. Along the shopping around, WE (I) found a nice couch and recliner combo. She agreed I needed a chair, so it arrived and out with old.

Something about a new recliner for a man. New pads, no drink stains, no cat hair, and a new place to pile my ham radio and model railroad magazines. I became the "Archie Bunker" of my house. "Edith" enjoys her new couch too. Women have funny ideas about new furniture. Different priorities . . . " honey, where's my pillow?"

Women have a sense of timing that I'm sure has confused more men than I.

Here is my example: Opening the front cover of my new RJ last time created an instant need for my wife ! She needed me in the kitchen. Now! I'm kicked back in my new chair, and getting up, I head into the kitchen.

"What do you need Mary?" "Oh nothing" she says . . .

Timing is a talent for my wife. My back end just touches the seat. "Come here again" she says. So I head back to the kitchen. "Yes?" I ask. "What you doing in there?" she asks. Now here I am, standing there dumbfounded.

Perfect timing. This happens to me several times a week. Is this a women thing???? Does the smell of a new book or magazine trigger a instant need for help somewhere? I am convinced that my mother, who had the same talent for timing, has implanted sensors in my buttocks to detect me sitting down. She passed the remote control to my wife at the wedding August 1. I know this has had to happen. Perfect timing.

Perfect timing for a "honey do" list. The Saturday I plan on fishing, playing with antennas, or just "piddling around" is the day she needs something SOOOO important, it has to be done TODAY ! A man needs "piddling time" Time to just go into the workshop and just look around, Time to relax, to do NOTHING for a few minutes.

I dearly love my wife. She is learning that sometimes I just need a few minutes to breathe. Granted I work in communications by my own choice.

Sometimes I just need to not have to fix something. To not have someone wanting me to look at something. Sometimes I need to sit in my warm ups, in my new chair, and be " Archie Bunker". Those of you who play radio as a hobby, please remember I work in it 40 to 60 hours a week. Sometimes I have trouble being motivated to run up on the hill and play with the repeater. Please forgive me for those days when things have to wait.

Besides, my blue jeans are in the washer . . . now, how many cups of bleach in the jeans?????

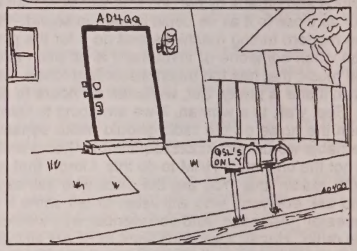
Please don't take this article as anything other than another reason to sit back and relax. I need it. You need it. Sometimes we have to regain control for a few minutes. Sometimes we need to realize there are more things on earth to do than WORK! Sometimes we need an extra blanket for the "required" nap after supper. Archie would love my chair.

Thanks Mary for the great start. Edith would be proud. How many young 'ins can we get in my chair anyway?

I would like to express my thoughts and prayers to Dave Nicholson's family. Dave left us way too soon. Dave was President of the Briarpatch Radio Club in Galax (VA). I'm honored to call him a friend.

Till next time ! Remember, even GOD rested on the seventh day. Did he have a new recliner too???? *-Randy*

JOURNAL FUNNY STUFF BY AD4QQ



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DR-150T, DR-150TQ 2m Mobile/Base

50 watts output, 100 memories, Air Band and UHF (440 ~ 450 MHz) RX, Channel Scope™ display, 2 VFOs, auto dial memories, 9600 packet port, H/M/L output, DR-150TQ includes CTCSS decode.

DJ-191T 2m HT

Up to 5 watts output, 41 memories, huge display

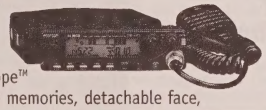
DR-140T, DR-140TQ 2m Mobile/Base

50/5 watts output, 51 memories, alpha-numeric display, AM air band receive DR-140TQ includes CTCSS decode

DJ-G5T 2m/440 HT

Up to 5 watts output, Channel Scope™, 100 memories/band, CTCSS encode and decode, RF attenuator, 13.8 VDC input port, V/U, V/V, U/U, U/V, programmable 2nd PTT, AM air band receive, full duplex and cross band repeat capabilities

DR-610T, DR-610TQ 2m/440 Mobile/Base



50 watts VHF, 35 watts UHF, Channel Scope™ display, 120 memories, detachable face, V/U, V/V, U/U, U/V, RF attenuator, two VFOs, H/M/L output, AM air band receive, internal duplexer, 9600 packet port, DR-610TQ includes CTCSS decode

DJ-280T 222 MHz HT

NEW! Up to 4 watts output, 10 memories (expandable to 50 or 200), illuminated display, accepts 13.8 VDC input with optional EDH-12. DJ-180T (2m model) and DJ-480T (70cm model) also available.

DR-605T, DR-605TQ 2m/440 Mobile/Base

50 watts VHF, 35 watts UHF, 51 memories each band, "set and forget" squelch, UHF TX range of 430 ~ 449.995 MHz allows for satellite work, internal duplexer, 9600 packet port. DR-605TQ includes CTCSS decode. The value leader in dual band mobiles!

DJ-C5T 2m/440 HT

"Credit card" size, internal speaker, 300 mw output, 50 memories, CTCSS encode + decode, AM Airband RX, soft case, lithium-ion battery, desk charger included!

DR-M06TH 6m FM Mobile/Base

50~54 MHz, 100 memories, 20 watts output. Work repeaters or simplex, includes CTCSS encode (decode optional), DTMF mic.

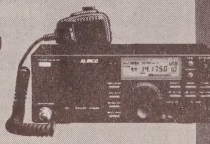
DJ-S11T 2m HT, DJ-S41T 440 HT

"Pager Size", 340 mw output, 21 memories, uses AA, NiCd or external power, Easy to operate and program, great TX and RX audio, fits in pocket or purse!

DX-70T, DX-70TH HF+6m Mobile/Base/Portable

160m ~ 6m Amateur Band TX in all modes, general coverage RX 150 KHz ~ 30 MHz and 50 ~ 54 MHz, 2 VFOs, 100 memories, removable face for remote mounting, speech compressor, SSB, CW and AM narrow filters, full, semi or automatic break-in, multi-function control, RIT, TXIT, easy split operation, RF gain, CTCSS for 10 and 6m repeaters. Both models feature 100w output on HF, DX-70TH has 100 w output on 6m, DX-70T has 10w output on 6m. Be sure to ask about the optional EDX-1 and EDX-2 antenna tuners.

DX-77T HF Desktop Transceiver



160 ~ 10 m Amateur Band TX in all modes, general coverage RX 500 KHz ~ 30 MHz, 2 VFOs, internal keyer (6 ~ 50 wpm), 100 memories, 13.8 VDC input, optional computer control capability, CTCSS encoder (front panel programmable), RIT, easy split operation, speech compressor, selectable AGC, large front panel speaker. Compatible with the optional EDX-1 or EDX-2 antenna tuner.

DM-340MVT DC Power Supply

30 amps nominal, 35 amps peak, 0~15 VDC variable output, meters included at no extra cost, convenient front panel connections, output connections include binding posts, spring clips and cigar lighter, circuit protection, perfect for base station operation or bench testing.

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Specifications subject to change without notice or obligation. Performance specifications only apply to the Amateur bands. Permits required for MARS/CAP use. Products intended for use only by properly licensed Amateur Radio operators.

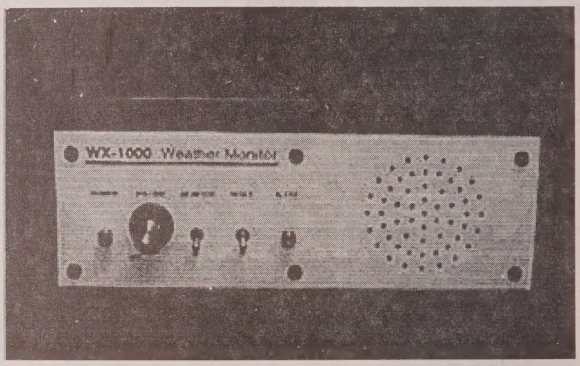
WX-1000 Weather Receiver

Attention Repeater Owners!

The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. The WX-1000 is an affordable priced, high quality weather receiver, easily installed in your repeater system. With so many unsettling weather conditions, don't you think it's time to provide timely weather alerts for your repeater group?

Features Include:

- ✓ *High Sensitivity*
- ✓ *Good Front-end Protection*
- ✓ *1050 Hz Tone Detector*
- ✓ *Programmable Alert Timer*
- ✓ *Relay Switch*
- ✓ *Monitor Speaker*
- ✓ *Alert Logic Output*
- ✓ *WX Enable Input*
- ✓ *Flashing Alert LED Indicator*
- ✓ *Power LED Indicator*
- ✓ *Front Panel Monitor Switch*
- ✓ *Alert Reset Switch*



WX-1000 Weather Receiver $299.00.

For a brochure describing the WX-1000 Weather Receiver, including specifications and repeater interface information, visit us at ww.catauto.com or call (954) 978-6171.

Computer Automation Technology Inc.
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THE SERA OFFICIAL REPEATER INDEX

FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

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Some repeaters allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. For tone-accessed repeaters, the codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission to publish. They are in the By-State, and By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Unknown listings are in a separate area.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. There is no charge. The annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA

SERA FM VOICE SIMPLEX

10 Meters:	29.600#					
6 Meters:	52.490	52.525#				
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*
	146.490*	146.505*	146.520#	145.535	146.550	146.565
	146.580	146.595	147.405*	147.420*	147.435*	147.450*
	147.465*	147.480*	147.495*	147.510	147.525	147.540
	147.555	147.570	147.585			
220 MHz:	223.400	223.420	223.440	223.460	223.480	223.500#
	223.520	223.540	223.560	223.580	223.600	223.620
	223.640					
440 MHz:	445.825	445.875	445.900	445.925	445.950	445.975
	446.000#	446.025	446.050	446.075	446.100	446.125
	445.150	(Not all listed)				

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA DIGITAL/PACKET SIMPLEX

2 Meters:	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530
	145.550	145.570	145.590	145.610	145.630	145.650
	145.670	145.690	145.710	145.730	145.750	145.770
	145.790					
220 MHz.	223.660	223.680	223.700	223.720	223.740	223.760
	223.780					

High speed digital channel (100 KHz wide) - 222.350 - 222.450 (222.400 Center)
High speed digital channel (100 KHz wide) - 223.800 - 223.900 (223.850 Center)

440 MHz.	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750
	440.9875	441.0000	441.0125	441.0375	441.0500	441.0625
	441.0750	441.0875	441.1000	441,1125	441.1375	441.1500
	441.1625	441.1750				

NOTE: Digital operators are reminded to check with their local Digital/Packet organizations as to which digital/packet channels are available for various digital usage in their particular area. Some channels have specific exclusive uses.

REPEATER INDEX LISTINGS BY STATE - BY CITY

Listings Correct as of Jan. 15, 1999

GEORGIA

10 METERS

ATL/MARIETTA	N4NEQ	29.640 -	T118.8	
DALTON	N4BZJ	29.680 -		☺
#MACON	KF4XH	29.620 -	UNCOR	
MONROE	KQ4XL	29.620 -		☺

6 METERS

ATL/MARIETTA	KD4DKW	53.090 -	T118.8	
AUGUSTA	NA4I	53.030 -		☺
BOLINGBROKE	KC4ZIZ	53.430 -		
CARTERSVILLE	WB4AEG	53.070 -	T123.0	☺
CLEVELAND	N4RBT	53.170 -		
CRAWFORD	KD4FVI	53.330 -	T88.5	
#CUMMING	WA4YNZ	51.700 -	UNCOR	☺
DALTON	N4BZJ	53.130 -		☺
DECATUR	KA4UFM	53.390 -	T	☺
DOUGLASVILLE	N4UOX	53.470 -	T88.5	
IVEY/MACON	K4YC	53.730 -	T88.5	☺
LAKE PARK	KB0Y	53.890 -	T141.3	☺
#MACON	KF4XH	53.390 -	UNCOR	
MARIETTA	N1KDO	53.210 -	T79.7	☺
MARIETTA	KF4BMG	53.250 -	T79.7	☺
PINE LOG MT.	KE4PN	53.290 -	T198.2	
#ROSWELL	WA4YNZ	53.010 -	UNCOR	☺
WATKINSVILLE	KD4AOZ	53.570 -	T	☺

2 METERS

ADAIRSVILLE	WD4IWL	146.685 -		☺
ALBANY	W4MM	146.700 -		
ALBANY	W4MM	146.730 -		
ALBANY	W4MM	146.820 -		
ATHENS	WA4BKF	146.745 -		
ATHENS/CRAWFRD	K4TQU	147.375 +		☺
ATLANTA	W4AQL	145.150 -		
#ATLANTA	WB6RTH	145.190 -	UNCOR	☺
ATLANTA	W4IBM	145.290 -		
ATLANTA	W4DOC	145.350 -	T146.2	☺
ATLANTA	K4LCJ	145.430 -		
ATLANTA	WB4QGR	146.640 -	T	
ATLANTA	W4DOC	146.820 -	T146.2	☺
ATLANTA	K4CLJ	146.970 -	T	☺
ATLANTA	WB4RTH	147.105 +	T77.0	☺
ATLANTA	K4JPD	147.195 +	T	
ATLANTA/AIRPORT	W4REI	147.030 +		☺
ATLANTA/BELL	W4PME	145.410 -		
ATLANTA/GPCO	WA4VBX	147.285 +		☺
ATLANTA/MARIETTA	N4NFP	146.655 -	T118.8	
ATLANTA/MARIETTA	N4NEQ	147.345 +	118.8	
ATLANTA/SWEAT MT	KD4NC	146.730 -		
AUGUSTA	NA4I	145.290 -	100.0	☺
AUGUSTA	AA4UA	145.370 -		
AUGUSTA	NA4I	145.410 -		☺
AUGUSTA	W4DV	145.490 -		☺
AUGUSTA	KT4N	146.940 -		
AUGUSTA	K4KNS	146.985 -	T	☺
AUGUSTA	N4BMA	147.180 +		
BAINBRIDGE	KE4RWR	147.090 +	PROP	
BALDWIN	WD4NHW	147.180 +		☺
BLAIRSVILLE	K5PRE	146.955 -		☺
BOGART	WW4T	147.000 +	PROP	☺
BONAIRE	KD4HMH	145.470 -		☺
BONAIRE	KM4DT	147.015 +	T82.5	☺
BOSTON	W4UCJ	147.195 +		☺
BRUNSWICK	K4TVE	146.730 -		
C;EV;MD/LONG MT	WB4HIG	146.910 -		☺
CALHOUN/JASPER	KC4AQS	146.805 +		☺
CARROLLTON	W4FWD	146.640 -	T131.8	☺
CARTERSVILLE	N4GIS	147.015 -		☺
CEDARTOWN	W4CMA	147.120 +		☺
CHATSWORTH	N4YYD	145.250 -	T71.9	
CHULA	W4PVW	147.285 +	T103.5	☺
COCHRAN	N4MXC	145.110 -	T107.2	
COCHRAN	W3LAP	147.330 +	T77.0	☺
COLBERT	N4ALE	147.300 +		☺
COLUMBUS	W4CVY	146.610 -		
CONYERS	KF4GHF	147.210 +	T162.2	☺
CORDELE	KB0Y	145.230 -	PROP	☺
CORDELE	KA4WUJ	145.490 -	T103.5	☺
COVINGTON	WA4ASI	146.925 -		☺
COVINGTON	WA1KMS	147.270 +	T127.3	☺
CUMNG/SAWNE MT	K4BYK	147.150 +		☺
DAHLONEGA	N4KHQ	146.835 +	T100.0	☺
DALLAS	W4RPO	146.850 -		
DALLAS	WD4LUQ	146.895 +	T77.0	
DALTON	KS4BS	145.230 -		☺
DALTON	N4BZJ	147.135 +	T100.0	☺
DECATUR	W4BOC	145.450 -		☺
DOUGLAS	KE4ZRT	147.045 +	141.3	☺
DOUGLASVILLE	KR4HV	145.110 -	T88.5	☺
DOUGLASVILLE	W4SCR	147.360 +	T88.5	☺
DUBLIN	WA4HZX	147.360 +		☺
EASTMAN	KC4RRO	145.210 -		☺
EASTMAN	KF4ODQ	145.330 -	PROP	
EATONTON	KC4YHM	147.090 +	T179.9	
ELBERTON	N4UJT	146.625 -		
ELLIJAY/TALONA M	KC4ZGN	146.985 -	T77.0	☺
EMERSON	AE4JO	147.240 +	T103.5	☺
FAYETTEVILLE	WA4EPK	145.210 -		☺
FAYETTEVILLE	KB4KZY	146.685 -		☺
FAYETTEVILLE	WD4LYT	147.165 +	T	
FOLKSTON	KD4GEY	146.790 -		
GAINESVILLE	W4ABP	146.670 -	T131.8	☺
GRIFFIN	K4HYB	145.390 -	T88.5	
GRIFFIN	K4HYB	146.910 -		
HARTWELL	WA4RBS	146.895 -	T100.0	☺
HELEN	W4MMQ	147.390 +		
HINESVILLE	KF4UM	147.015 +		☺
IRWINTON	WB4NFG	147.240 +	T77.0	
IVEY	K4YC	145.250 -	T	☺
IVEY/MACON	K4YC	145.150 -	77.0	☺
JASPER	KB4IZF	145.370 -	T100.0	☺
JASPER	W4OOM	146.700 -		
JESUP	KA4EIM	145.430 -		☺
JONESBORO	WA4DIW	145.170 -		☺
JONESBORO	WA4OGE	145.330 -		
KIBBEE	K4HVK	146.820 -	T	☺
KINGSLAND	KC4WWU	147.285 +	T118.8	☺
LAFAYETTE	KB4VAK	147.375 +	T77.0	
LAGRANGE	KD4BWK	146.700 -	141.3	☺
LAKE PARK	KB0Y	147.135 +	T141.3	☺
LAVONIA	K4NVG	146.715 -	T100.0	☺
LAWRENCEVILLE	WB0QGH	145.190 -	T	☺
LAWRENCEVILLE	W4GR	147.075 +	82.5	☺
#LINCOLNTON	KT4N	147.120 +	UNCOR	
LOOKOUT MTN	W4GTA	145.350 -	T100.0	☺
LOOKOUT MTN	KS4QA	146.760 -	T67.0	☺
MACON	W4BKM	145.370 -		
MACON	AA4RI	145.430 -		☺
MACON	W4BKM	146.660 -		
#MACON	K4DDH	146.670 -	UNCOR	☺
MACON	K4PDQ	146.805 -	T77.0	☺
MACON	N3SM	146.895 -	T123.0	
MACON	WA4DDI	147.060 +	T	☺
#MACON	KF4XH	147.165 +	UNCOR	
MADISON	WB4DKY	146.865 -	T179.9	☺
MARIETTA	W4LMA	145.490 -		
MARIETTA	N4NFP	146.775 -	T118.8	
MARIETTA/ATLANTA	W4BTI	146.880 -	T100.0	☺
MILLEDGEVILLE	WB4DOJ	146.700 -	T67.0	
MILLEDGEVILLE	K4FRM	147.135 +	T123.0	
#MONROE	KD4WOU	146.955 -	UNCOR	☺
MORGANTON	N4NEQ	147.165 +	T	
MOULTRIE	WD4KOW	146.790 -		☺
#NORTH ATLANTA	KR4KS	147.315 +	UNCOR	
PEMBROKE	WB4CJB	147.075 +		
PERRY	WR4MG	145.290 -	T107.2	☺
PERRY	WR4MG	146.955 -	107.2	☺
QUITMAN	WA4NKL	146.880 -		☺
RICEBORO	KF4UM	145.470 -		☺
RINGGOLD	W4ABZ	146.715 -	T67.0	☺
ROME	WB4YSV	147.300 +		
ROME/MT. ALTO	W4VO	146.940 -		☺

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

GEORGIA REPEATERS CONTINUE

ROSWELL	N4CLA	147.060 +		
SANDERSVILLE	KT4X	145.270 -	T77.0	
SAVANNAH	K4NLX	146.700 -		
SAVANNAH	KE4WAQ	146.850 -		
SAVANNAH	W4HBB	146.880 -		
SAVANNAH	W4HBB	146.970 -		
SAVANNAH	K4LNX	147.210 +		
SAVANNAH	K4NLX	147.330 +		
ST SIMONS ISLAND	N4XGI	145.330 -	T131.8	
STATESBORO	NC4D	147.105 +		
STOCKBRIDGE	WA4JDR	145.310 -		
STONE MT	W4BOC	146.760 -	T107.2	
STONE MTN	WD4KDT	147.255 +	T	
SUMMERVILLE	W4RLP	147.225 +		
SWEAT MT/MARIETT	N4CLA	145.470 -		
THOMASTON	W4OHH	147.390 +		
THOMASVILLE	W4UCJ	147.060 +		
THOMSON	KC4GSS	146.835 -		
TOCCOA	KA4DIP	147.330 +		
VALDOSTA	KB0Y	145.130 -	T141.3	
VALDOSTA	KF4BJM	146.760 -	T141.3	
WALESKA/PNLGMT	KE4PN	145.270 -	T103.5	
WARM SPRINGS	KN4FE	146.985 -		
WARNER ROBINS	KF4KVE	146.850 -		
WARNER ROBINS	WB4BDP	147.180 +		
WARNER ROBINS	WR4MG	147.300 +	107.2	
WATKINSVILLE	KD4AOZ	147.045 +	T	
WAYCROSS	AE4PO	146.640 -	T141.3	
WAYCROSS	AE4PO	147.255 +	PROP	
WAYNESBORO	WD4COL	145.230 -		
WRENS	KB4NA	146.775 -		
WRIGHTSVILLE	WA4RVB	146.940 -		

220 MHZ

ACWORTH/ATL	N4MTA	224.320 -	T123.0	
ACWORTH/ATL	N4MTA	224.500 -	T123.0	
ALPHARETTA	NX9O	224.580 -	100.0	
#ALPHARETTA	WB6RTH	224.840 -	UNCOR	
ATL/MARIETTA	N4NEQ	224.440 -	T118.8	
#ATLANTA	W4DOC	224.340 -	UNCOR	
ATLANTA	W4DOC	224.560 -	T146.2	
ATLANTA	KK4C	224.820 -		
ATLANTA-NE	KC4OVY	224.200 -	T100.0	
ATLANTA/BELL	W4PME	224.620 -		
ATLANTA/MARIETTA	N4NFP	224.120 -	T118.8	
ATLANTA/MARIETTA	N4NEQ	224.220 -	T	
ATLANTA/MARIETTA	PT2RFL	224.960 -	T100.0	
AUGUSTA	AA4UA	224.200 -		
AUGUSTA	WB4KXO	224.940 -		
CARTERSVILLE	N4GIS	224.600 -		
CLEVELAND	N4RBT	224.380 -		
DALLAS	N4YDX	224.180 -		
DALLAS	N4YEA	224.540 -		
DALLAS	W4TIY	224.700 -		
DALTON	N8ZJ	224.360 -	T	
DALTON	N8ZJ	224.460 -	T118.8	
DALTON	N8ZJ	224.680 -		
DALTON	N4KVC	224.740 -	T	
FT MT/CHATSWTH	N4YYD	224.240 -	T71.9	
GAINESVILLE	W4ABP	224.460 -	PROP	
HAWKINSVILLE	WR4MG	224.820 -	PROP	
#LOGANVILLE	WB6RTH	224.640 -	UNCOR	
MACON	W4BKM	224.660 -		
MARIETTA	KE4QFG	224.260 -		
MARIETTA	W4LMA	224.900 -		
NORCROSS	KE4IPX	224.480 -		
PINE LOG MTN	KE4AIS	224.520 -		
SNELLVILLE	KR4KS	224.920 -	T	
STONE MT	W4BOC	224.760 -		
VALDOSTA	KB0Y	224.460 -	T141.3	
WALESKA	KD4LC	224.140 -		
WALESKA	N4GIS	224.940 -		
WARNER ROBINS	WR4MG	224.840 -		
WATKINSVILLE	KD4AOZ	224.420 -	T	
YORKVILLE	WD4LUQ	224.880 -	T77.0	

440 MHZ

ACWORTH	KC4YNF	441.800 +	T77.0	
ALBANY	W4MM	444.500 +		
ALPHARETTA	WB6RTH	442.000 +		
ATHENS	AA4AI	442.950 +	T179.9	
ATHENS	WB4VNT	443.300 +	T	
ATL/MARIETTA	N4NFP	442.800 +	T	
ATLANTA	WA4NMF	442.025 +	T100.0	
#ATLANTA	WB6RTH	442.225 +	UNCOR	
ATLANTA	WB5TUF	442.525 +	T110.9	
ATLANTA	KE4PVE	442.675 +	T100.0	
ATLANTA	WA4YNZ	442.975 +	T	
ATLANTA	WA4NMF	443.025 +	T100.0	
ATLANTA	WB5TUF	443.450 +	T110.9	
ATLANTA	W4DOC	444.450 +	T146.2	
ATLANTA	WB5TUF	444.500 +	T110.9	
ATLANTA	W4DOC	444.825 +	T146.2	
ATLANTA	WA4YNZ	444.975 +	T	
ATLANTA/BELL	W4PME	444.150 +	T	
ATLANTA/MARIETTA	PT2RFL	442.875 +	T100.0	
ATLANTA/MARIETTA	N4NFP	443.800 +	T118.8	
ATLANTA/MARIETTA	N4NEQ	444.050 +	T118.8	
ATLANTA/MARIETTA	N4NEQ	444.775 +	118.8	
AUGUSTA	NA4I	444.900 +		
BALDWIN	WD4NHW	442.350 +		
BOGART	WW4T	443.475 +	PROP	
BONAIRE	KM4DT	444.625 +	T82.5	
BRUNSWICK	K4TVE	444.975 +		
BUFORD	K3TD	442.900 +	T103.5	
CALHOUN/JASPER	KC4AQS	443.375 +		
CARROLLTON	AE4GU	444.075 +	T107.2	
CEDARTOWN	KD4EKZ	443.400 +	T123.0	
CEDARTOWN	KD4NTF	443.575 +	T107.2	
CHATSWORTH	N4OGF	443.000 +		
CHESTER	KD4IEZ	444.525 +	T156.7	
CLAYTON	K4DKI	442.825 +	T	
COCHRAN	N4MXC	444.775 +	PROP	
COCHRAN	W3LAP	444.975 +	77.0	
CONCORD	WB4GWA	443.400 +	118.8	
CONYERS	KB2DZA	443.725 +	T77.0	
#COVINGTON	K4GO	443.750 +	UNCOR	
COVINGTON	KE4PVE	444.175 +	T100.0	
COVINGTON	WA4ASI	444.800 +	T88.5	
CULLODEN	KE4BB	444.275 +	T123.0	
#CUMMING	WA4YNZ	444.975 +	UNCOR	
DAHLONEGA	N4KHQ	443.100 +	100	
DAHLONEGA	N4KHQ	444.900 +		
DALLAS	WD4LUQ	444.700 +	T77.0	
DALTON	N8ZJ	442.175 +	T118.8	
DALTON	N8ZJ	444.500 +	T118.8	
DALTON	N8ZJ	444.850 +		
DANIELSVILLE	KE4FHN	442.650 +	T	
DECATUR	N3APR	442.200 +		
DECATUR	KA4UFM	443.950 +	T110.9	
DECATUR	W4BOC	444.250 +		
DOUGLASVILLE	W4SCR	444.575 +	T88.5	
DUBLIN	KD4FOC	442.600 +	T77.0	
DUBLIN	KD4IEZ	443.025 +	T156.7	
DULUTH	W4IXN	443.775 +	T82.5	
EATONTON	KC4YHM	442.925 +		
ELLIJAY	KC4ZGN	442.700 +	T77.0	
FLOWERY BRANCH	K4VJM	442.775 +	PROP	
FOLKSTON	KD4GEY	444.475 +		
FT. MT/CHATSWTH	N4YYD	443.350 +	T71.9	
GAINESVILLE	W4ABP	442.625 +	T131.8	
#GAINSVILLE	WA4DB	444.200 +	UNCOR	
GRAY	KD4KGR	443.625 +		
GREENSBORO	N4YXL	444.850 +	PROP	
GRIFFIN	KE4WLP	443.550 +	PROP	
HAPEVILLE	KC4ENL	442.825 +	T167.9	
HELEN	W4MMQ	444.350 +		
HIGH PT/LOOKT MT.	KB4VAK	443.450 +	T77.0	
HINESVILLE	KF4UM	444.850 +	PROP	
HOG MTN	WB0QGH	444.400 +	T82.5	
IRWINTON	WB4NFG	444.925 +	T77.0	
IVEY	K4YC	444.650 +	T	
JASPER	W4UWH	443.625 +	T100.0	
JASPER	KB4IZF	444.375 +	T103.5	
JONESBORO	N4QCP	443.225 +		
JULIETTE	WB4JWM	444.425 +	T156.7	
KENNESAW	WA0HQQ	443.075 +	T	
KNOXVILLE	N4PQR	443.525 +	PROP	
LAKEMONT	N4ZRF	444.750 +	T	
LAVONIA	K4NVG	442.475 +	T203.5	
LAWRENCEVILLE	WB0QGH	442.850 +	T82.5	
LAWRENCEVILLE	WB4QDX	444.000 +	T100.3	
LAWRENCEVILLE	WA4NMF	444.025 +	T127.3	
LOOKOUT MTN	AI4L	442.650 +	T146.2	
MABLETON	W4JLG	442.325 +	T	
MACON	K4DDH	442.275 +	T100.0	
MACON	N4IWK	442.875 +	T	
MACON	KC4ZIZ	443.075 +	T156.7	
MACON	W4BKM	444.100 +		
MARIETTA	N1KDO	442.050 +	T107.2	
MARIETTA	KE4QFG	442.375 +	T	
MARIETTA	WA4OKJ	442.600 +	T100.0	
MARIETTA	N4MTA	443.500 +		
MARIETTA	KF4BMG	443.750 +	T79.7	
MARIETTA/ATL	KE4QFG	442.725 +	T	
MILLEDGEVILLE	WB4DOJ	444.700 +	T156.7	
MONROE	KD4WOU	443.825 +	T123.0	
MONROE	KQ4XL	443.925 +	T123.0	
MT. VERNON	KE4PMP	442.500 +	PROP	
NEWNAN	KE4PVE	444.350 +	PROP	
#NORTH ATLANTA	KR4KS	442.250 +	UNCOR	
PEACHTREE CITY	N4YTR	444.675 +		
PENDERGRASS	KE4PVE	444.125 +	PROP	
PERRY	WR4MG	444.950 +		
QUITMAN	WA4NKL	444.600 +	T127.3	
RINGGOLD	KW4KW	443.125 +	PROP	
RINGGOLD	W4BAB	443.925 +		
ROME	W4VO	443.675 +	PROP	
ROSWELL	W8BLA	442.075 +	T	
#ROSWELL	WA4YNZ	442.975 +	UNCOR	
ROSWELL/BELL	N4SE	442.150 +	T	
ROSWELL/BELL	W4PME	443.150 +		
SAVANNAH	K4NLX	442.700 +		
SAVANNAH	WD4AFY	444.000 +		
SNELLVILLE	NE1H	442.450 +	T	
SNELLVILLE	NE1H	443.050 +	T	
SNELLVILLE	W4GR	444.525 +	82.5	
ST SIMONS ISLAND	N4XGI	442.950 +	T131.8	
STOCKBRIDGE	N4JMD	443.325 +	T	
SWEAT MT/MARIETT	N4CLA	444.475 +		
TRENTON	AI4L	442.475 +	67.0	
VALDOSTA	KB0Y	444.350 +	T141.3	
VALDOSTA	KF4BJM	444.700 +	T141.3	
WALESKA	N4GIS	443.175 +		
#WALESKA	KE4PN	443.850 +	UNCOR	
WARM SPRINGS	N4UER	442.400 +		
WARNER ROBINS	WR4MG	442.900 +		
WARNER ROBINS	WB4BDP	444.225 +		
WATKINSVILLE	KD4AOZ	444.725 +	T	
WAYCROSS	AE4PO	444.025 +	PROP	
WOODSTOCK	KE4SJO	444.225 +		

SYMBOLS: ☺ = Full Member SERA T = Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

920 MHZ

DALTON	N4BZJ	919.100 -	T	
#SAVANNAH	WA4VHP	923.000 -	UNCOR	

1270 MHZ

ATLANTA	WB5TUF	1283.450-	PROP	
ATLANTA/BELL	KB4KIN	1292.000-		

ATV REPEATERS

ATL/MARIETTA	N4NEQ	427.250 +	
ATLANTA/BELL	W4ZTL	421.250 +	
DALTON ATV	N4BZJ	421.250 +	
SAVANNAH	K4NLX	421.250 +	
SAVANNAH	WA4VHP	427.250 +	T

KENTUCKY

10 METERS

LOUISVILLE	KK4CZ	29.640 -	

6 METERS

ASHLAND	KC4QK	53.010 -	107.2	
HIGHLAND HEIGHTS	AD4CC	53.330 -		
HIGHLAND HEIGHTS	W4YWH	53.750 -	PROP	
LAWRENCEBURG	N4EQT	53.130 -	T107.2	
LEXINGTON	KE4LGL	53.570 -		
LOUISVILLE	KF4UAQ	53.290 -		
LOUISVILLE	WA4DBY	53.430 -	T151.4	
MONTICELLO	N4TPL	53.070 -	T100.0	
NANCY	KA4UHL	53.270 -	T100.0	
STANTON	WD4KNE	53.810 -		
WAYNESBURG	KE4RKF	53.390 -	T100.0	

2 METERS

ALLEN	K4ICN	147.300 +	T123.0	
ASHLAND	KA4OIL	146.940 -		
ASHLAND	KC4QK	147.240 +	T107.2	
ASHLAND	WA8KWH	147.330 +		
BARBOURVILLE	KE4INT	147.390 +	PROP	
BARDSTWN/NELSN	WB4GGH	145.470 -		
BEREA	KI4B	146.715 -		
BLACK MOUNTAIN	KB4DFK	147.210 +	T103.5	
BOWLING GREEN	K4LOL	147.060 +	T156.7	
BOWLING GREEN	W4WSM	147.165 +		
BOWLING GREEN	KA4CFW	147.330 +		
BOWLING GREN-SO	W4WSM	146.655 -		
BROOKS	KY4KY	146.700 -	T151.4	
CANE VALLEY	WA4UXJ	146.640 -		
#CENTRAL CITY	WF4N	145.390 -	UNCOR	
CORBIN	WD4KWV	146.610 -		
#COVINGTON	WR8CRA	145.410 -	UNCOR	
COVINGTON	WR8CRA	147.390 +		
CRESTWOOD	KF4TOL	147.390 +	T151.4	
DANVILLE	WD4DZC	146.655 -		
DAVID	KC4KZT	145.310 -	T	
DAWSON SPRINGS	KF4CWK	147.090 +	T103.5	
#DIXON	N4IOX	147.255 +	UNCOR	
DORTON	KC4KZT	146.895 +	T141.3	
ELIZABETHTOWN	W4BEJ	146.980 -		
FARMINGTON	W4GZ	147.240 +		
FLEMINGSBURG	KF4BRO	146.955 -	T107.2	
FLORENCE	K4JBV	146.895 -	100.0	
FRANKFORT	N4EQT	147.105 +	107.2	
FRANKFORT	KC4AI	147.240 +	T100.0	
FRANKLIN	KE4SZK	147.135 +	PROP	
GLASGOW	KY4X	146.940 -	114.8	
GRAYSON	KF4JO	146.700 -		
GRETHEL	KJ4VF	147.045 +		
GUTHRIE	KA4NNE	146.805 -		
HALLS GAP	W8PRH	145.170 -		
#HAWESVILLE	K9ZK	147.105 +	UNCOR	
HAZARD	KF4SJO	146.670 -		
HAZARD	W8PRH	146.805 -		
HENDERSON	W4KVK	145.490 -		
#HENDERSON	K4DPP	146.970 -	UNCOR	
HENDERSON	K4LRX	147.180 +	T141.3	
HIGHLAND HEIGHTS	W4YWH	146.790 -		
HIGHLAND HEIGHTS	K4CO	147.255 +	T123.0	
#HODGENVILLE	KC4TX	147.315 +	UNCOR	
HOPKINSVILLE	KF4FO	146.710 -		
HOPKINSVILLE	KD4ULE	147.030 +	T103.5	
HUEYSVILLE	KF4ZTB	145.470 -	PROP	
HYDEN	KF4TLT	147.240 +	186.2	
IRVINE	W4CMR	146.820 -	T192.8	
IRVINE	AD4RU	147.015 +		
#IRVINE	W4CMR	147.225 +	UNCOR	
IRVINGTON	WB4WVH	146.900 -		
JACKSON	WA4MXO	145.410 -		
LAWRENCEBURG	N4EQT	145.390 -	T107.2	
LEESBURG	KC4UPE	145.110 -	T192.8	
LEXINGTN/GRGTWN	W8PRH	145.210 -		
LEXINGTON	AD4YJ	145.250 -	110.9	
LEXINGTON	KC4TX	145.450 -		
LEXINGTON	WB4CWF	145.490 -		
LEXINGTON	KE4ISR	146.685 -		
LEXINGTON	AC4AO	146.730 -		
LEXINGTON	K4KJQ	146.760 -		
LEXINGTON	WA4HBM	147.165 +		
LEXINGTON	KJ4VF	147.195 +		
LONDON	KE4ZJT	147.180 +	151.4	
LONDON	KC4ZFH	147.285 +	T	
LOUISA	N8QCW	147.390 +	T186.2	
LOUISVILLE	W8PRH	145.230 -		

KENTUCKY REPEATERS CONTINUE

LOUISVILLE	AC2DC	145.290 -	T151.4	
LOUISVILLE	W4PF	146.880 -		
LOUISVILLE	W4PJZ	147.030 +	T151.4	
LOUISVILLE	N4NMC	147.070 +	T151.4	
#LOUISVILLE	KA4KMT	147.120 +	UNCOR	
LOUISVILLE	W4CN	147.180 +		
LOUISVILLE	WB4EJK	147.270 +	151.4	
LOUISVILLE	KQ9Z	147.360 +		
LOUISVILLE AREA	N4RBL	145.130 -	T151.4	
LYNN GROVE	KA4BLZ	146.895 -	T210.7	
MADISONVILLE	KC4FRA	146.610 -		
MAYSVILLE	WA4WMM	145.470 -		
MIDDLESBORO	W4PPM	146.775 -		
MILLARD	KD4RTR	146.745 -	T141.3	
MONTICELLO	WB9SHH	145.150 -		
MONTICELLO	N4TPL	147.375 +	T100.0	
MOREHEAD	KJ4VF	145.130 -		
MOREHEAD	K4GFY	146.910 -	T123.0	
MT. STERLING	WD4KNE	147.330 +		
MURRAY	K4MSU	146.940 -		
NANCY	KA4UHL	146.790 -	T100.0	
OWENSBORO	KE4RNM	146.685 -	110.9	
OWINGSVILLE	N4TLP	147.075 +		
PADUCAH	K4CUW	146.655 -	T	
PADUCAH	K4CUW	146.760 -		
PADUCAH	W4NJA	147.060 +		
PAINTSVILLE	N4KJU	145.270 -	T	
PARIS	KE4OOS	147.045 +	PROP	
PHELPS	KJ4YK	147.090 +		
PIKEVILLE	AD4BI	145.150 -		
PIKEVILLE	KM4IV	146.850 -		
#PINEVILLE	WA4YZY	146.640 -	UNCOR	
PRESTONSBURG	WB4UBY	147.165 +		
RADCLIFF	AI4HB	145.350 -	T173.8	
RADCLIFF	W4BEJ	146.925 -		
RICHMOND	KE4YVD	145.370 -	T192.8	
RICHMOND	KG4AEU	146.865 -		
ROCKPORT	KD4BOH	145.270 -		
SALEM	KC4VXR	147.315 +		
SALVISA	KC4ZOX	146.835 -	T192.8	
SALYERSVILLE	KB4SQI	145.190 -	T127.3	
SAND GAP	AF4ME	147.060 +	PROP	
SHELBYVILLE	KE4LR	147.000 +		
SO. PORTSMOUTH	WD8IFH	145.390 -	T	
SOMERSET	KA4UHL	146.880 -		
SPRINGFIELD	WA4SJH	147.300 +		
ST. CHARLES	KE4AIE	147.270 +		
STANTON	N4VOS	145.290 -		
STANTON	W8PRH	146.970 -		
STINETT	KF4TLT	147.345 +	PROP	
TOMPKINSVILLE	KJ4OG	146.775 -		
VANCEBURG	AE4SK	146.775 -		
VERSAILLES	KF4INN	145.330 -		
WADDY	KS4TO	146.910 -	T107.2	
WALTON	K4CO	147.375 +		
WEBSTER	K4ULW	146.625 -	T151.4	
WILLIAMSBURG	KD4DAX	145.350 -		
WILLIAMSBURG	KG4M	147.000 +		
WINCHESTER	WB4ASZ	147.120 +		

220 MHZ

ASHLAND	KC4QK	223.940 -	
IRVINE	AD4RU	224.940 -	
LANCASTER	KD4RXF	224.560 -	
LEXINGTON	AC4AO	224.420 -	
LEXINGTON	KR4BD	224.800 -	
LOUISVILLE	KA4MKT	224.300 -	
MIDDLESBORO	WM4MD	224.120 -	T82.5
NANCY	KA4UHL	224.100 -	T100.0
PIKEVILLE	KD4DAR	224.620 -	
SHEPHERDSVILLE	N4FND	224.500 -	PROP
SOMERSET	N4AI	224.300 -	
SOMERSET	N4AI	224.880 -	
VERSAILLES	AD4CR	224.220 -	

440 MHZ

ALLEN	N4IWZ	444.775 +	T123.0
ASHLAND	KC4QK	444.975 +	107.2
BAGDAD	WB4PQJ	443.850 +	PROP
BARDSTOWN	KT4GB	443.000 +	PROP
BEATTYVILLE	KC4UPE	444.825 +	T192.8
BOWLING GREEN	W4WSM	444.100 +	
BOWLING GREEN	N5KOL	444.700 +	T136.5
CANE VALLEY	KC4TX	443.950 +	T
CORBIN	WB4IVB	444.900 +	T100.0
COX'S CREEK	AE4NU	443.450 +	T151.4
DAVID	KC4KZT	443.900 +	T167.9
DAWSON SPRINGS	KU4MJ	444.275 +	
DEANE	N4LGT	444.425 +	
DORTON	KD4RTR	442.150 +	
DORTON	KJ4VF	443.250 +	
ELIZABETHTOWN	W4BEJ	444.800 +	
FLORENCE	KC4COV	443.175 +	
FLORENCE	KC4COV	443.475 +	T192.8
FLORENCE	KC4COV	444.175 +	T192.8
FORT WRIGHT	KY4JD	442.525 +	T123.0
FOSTER	KU4ML	443.125 +	
FRANKFORT	K4NGQ	442.175 +	T67.0
#FRANKFORT	K4NGQ	442.275 +	UNCOR
FRANKLIN	KD4TAH	443.225 +	
GILBERTSVILLE	W2HR	442.850 +	T103.5
GLASGOW	KY4X	444.925 +	
GRAEFENBURG	N4HZX	443.550 +	
GRETHEL	KJ4VF	444.525 +	
HAZARD	KE4BHZ	443.975 +	T103.5
HENDERSON	KY4K	444.725 +	T203.5
HIGHLAND HEIGHTS	W4YWH	444.900 +	
HOPKINSVILLE	KE4AIF	444.750 +	T103.5
INDEPENDENCE	K4JBV	442.325 +	100
INDEPENDENCE	KB8SBN	444.075 +	T110.9
IRVINE	W4CMR	442.900 +	
IRVINE	AD4RU	444.000 +	
LATONIA	AA4XV	442.400 +	T
LAWRENCEBURG	N4EQT	443.325 +	107.2
LEWISPORT	K4DC	444.550 +	
#LEXINGTON	KY4ATV	923.250 -	UNCOR
LEXINGTON	KD4ADJ	442.050 +	
LEXINGTON	KE4OOL	443.025 +	T123.0
LEXINGTON	KC4ZY	444.125 +	
LEXINGTON	KC4DUU	444.550 +	
LEXINGTON	KE4ISR	444.725 +	T
LEXINGTON	N4DUE	444.950 +	
LOUISVILLE	WD4ELX	442.550 +	
LOUISVILLE	KB4YJ	442.725 +	T151.4
LOUISVILLE	WD9EQC	443.500 +	
LOUISVILLE	N4UL	444.100 +	T173.8
LOUISVILLE	WB4ZZD	444.300 +	
LOUISVILLE	N4NMC	444.600 +	T151.4
LOUISVILLE AREA	N4RBL	442.100 +	T
LOUISVILLE AREA	KD4CLR	442.450 +	T151.4
LOUISVILLE SW	K4ULW	443.350 +	T
MADISONVILLE	KC4FIE	442.425 +	
MADISONVILLE	AE4LW	442.575 +	T100.0
MADISONVILLE	KC4FIE	442.775 +	
MADISONVILLE	KC4FIE	444.600 +	
MAMMOTH CAVE	KF4QZN	444.475 +	T179.9
MAYSVILLE	KF4BRO	443.500 +	T123.0
META	WB4UBY	443.500 +	
MIDDLESBORO	WM4MD	442.325 +	T67.0
MIDDLESBORO	WB4IVB	444.150 +	T100.0
MILLARD	KD4RTR	443.425 +	
MONTICELLO	WB9SHH	444.750 +	
MOREHEAD	K4GFY	442.500 +	
MT STERLING	KD4ADJ	442.600 +	
MURRAY	K4MSU	443.800 +	T114.8
NANCY	KA4UHL	443.600 +	T100.0
NICHOLASVILLE	KC4UPE	444.775 +	T167.9
NICHOLASVILLE	WB4CWF	444.975 +	
OLIVE HILL	KO4LI	444.925 +	
OWENSBORO	KE4RNM	443.100 +	
OWENSBORO	KE4RNM	443.650 +	T203.5
PHELPS	N4MVY	444.575 +	
PIKEVILLE	KD4DAR	444.375 +	
PIKEVILLE	AD4BI	444.475 +	
ROBINSON CREEK	KC4VYX	444.675 +	
ROCKPORT	KD4BOH	442.675 +	
ROCKPORT	KD4BOH	444.075 +	T77.0
SALEM	KC4VXR	444.825 +	T100.0
SALVISA	KF4AWA	444.675 +	T203.5
SALVISA	KC4UPE	444.875 +	T167.9
SALYERSVILLE	KE4NLL	444.050 +	T127.3
SHELBYVILLE	KE4YRE	442.375 +	
SHEPHERDSVILLE	KD4YGK	444.400 +	T203.5
SIMPSONVILLE	KO4OT	444.450 +	
SPRINGFIELD	WA4SJH	444.600 +	
STANTON	N4VOS	442.075 +	
VERSAILLES	KF4INN	443.775 +	
WADDY	KS4TO	443.225 +	
WALTON	K4CO	444.350 +	

ATV REPEATERS

BOWLING GREEN	W4HTB	426.250 +	
BOWLING GREEN	W4HTB	1280.000-	
ELIZABETHTOWN	W4BEJ	421.250 +	

MISSISSIPPI

6 METERS

BYHALIA	N4DRL	53.270 -	T
MENDENHALL	K5HYE	53.050 -	PROP

2 METERS

ABERDEEN	WB5USN	147.270 +	
ACKERMAN	NO5N	147.120 +	
AMORY	KB5DSN	147.090 +	
BAY ST. LOUIS	WB4FUR	146.700 -	
BILOXI	KC5IF	146.730 -	
BOONEVILLE	K5YD	145.190 -	
BOONEVILLE	KI5WI	147.150 +	
BUDE	K5JMD	146.850 -	T103.5
BYHALIA	N4DRL	145.330 -	
BYHALIA	N4DRL	147.225 +	
COLLINS	N5LRQ	146.985 -	T136.5
CORINTH	WB5VOJ	146.925 -	T107.2
CORINTH	K5UFH	147.000 -	
CORINTH	KB5TGA	147.285 +	
D'IBERVILLE	KC5IF	145.410 -	
ELLISVILLE	N5DWU	146.835 +	T
ELLISVILLE	N5DWU	146.865 +	T136.5
ELLISVILLE	N5DWU	146.895 +	T136.5
FOREST	KC5QHP	147.390 +	T100.0
GLOSTER	KA5BEE	145.430 -	T136.5
GREENVILLE	KG5SF	147.345 +	
GRENADA	W5LV	146.700 -	
GULFPORT	KA5VFU	147.375 +	
HATTIESBURG	W5CJR	145.190 -	T136.5
HATTIESBURG	W5CJR	146.775 -	T136.5
HATTIESBURG	W5CJR	147.360 +	
HERNANDO	K5VV	146.910 -	
ISOLA	KC5OB	146.955 -	
JACKSON	W5AXQ	146.760 -	
JACKSON	K5QNE	146.880 -	T100.0
JACKSON	KA5SBK	146.940 -	T100.0
JACKSON	W5IQ	147.000 +	T
JACKSON	NC5Y	147.075 +	T
LAUREL	KC5QZW	146.610 -	
LAUREL	KC5RC	147.255 +	
MADISON	K5XU	146.640 -	
MAGEE	K5HYE	146.820 -	100.0
MAGEE	KA5LNY	147.300 +	
MCCOMB	K5JMD	146.940 -	T
MENDENHALL	K5HYE	145.110 -	T100.0
MENDENHALL	KB5IKR	145.210 -	T100.0
MERIDIAN	N5DWU	145.410 -	T136.5
MERIDIAN	W5FQ	146.700 -	
MONTICELLO	N5JHK	147.015 +	
MOOREVILLE	WB5NAY	146.640 -	
NATCHEZ	W5KHB	146.685 -	
NATCHEZ	K5OCM	146.910 -	
NATCHEZ	K5SVC	147.360 +	
NEW ALBANY	K5DGL	146.670 -	
NEW HEBRON	N5MRS	147.090 +	T
OCEAN SPRINGS	W5LDD	147.030 +	
OKOLONA	KC5NIX	145.110 -	
OLIVE BRANCH	KA5WMH	145.350 -	
OXFORD	KF4SCT	145.470 -	T107.2
PASCAGOULA	W5WA	145.110 -	T123.0
PASCAGOULA	N5PH	146.970 -	T
PEARL/RANKIN CO	K5IZ	147.150 +	T88.5
PETAL	N5DWU	145.170 -	T136.5
PHILADELPHIA	N5EPP	147.330 +	
PICAYUNE	K5LFP	145.150 -	
PICAYUNE	K5LFP	147.180 +	
POLKVILLE	KB5LCL	147.045 +	T141.3
PURVIS	KB5ZCX	146.670 -	
RICHTON	N5DWU	145.490 -	T136.5
SENATOBIA	KB5DMT	146.985 -	T
SHARON	N5ZQC	145.450 -	T100.0
SOUTHAVEN	N5PYQ	145.370 -	T107.2
STARKVILLE	W5VZF	146.730 -	
STARKVILLE	KF5C	146.805 -	192.8
#SUMNER	WB5FXH	147.090 +	UNCOR
SUMRALL	KA5FYW	147.195 +	
TUPELO	N5VGK	145.490 -	
TUPELO	N5ELS	147.240 +	
UNION	N5SPJ	147.210 +	T100.0
UTICA	N5ZMZ	145.350 -	
UTICA	N5ZMZ	147.345 +	
VICKSBURG	WJ5L	145.290 -	
VICKSBURG	K5ZRO	147.270 +	T100.0
VOSSBURG	N5DWU	146.925 -	
VOSSBURG	KB5UIX	147.135 +	T136.5
WALLS	N5NBG	145.270 -	T162.2
WATER VALLEY	N5DXM	147.000 -	
WAYNESBORO	KB5SAR	147.105 +	
WAYNESBORO	N5DWU	147.315 +	
WEST POINT	KC5LIO	147.180 +	
WIGGINS	KB5DZJ	145.270 -	T136.5
WINONA	N5EYM	146.970 -	

220 MHZ

BYHALIA	N4DRL	224.500 -	
VICKSBURG	WB5OWY	224.780 -	
WARSAW	N4DRL	224.880 -	
WAYNESBORO	KB5SAR	224.140 -	

440 MHZ

ABERDEEN	KD5AHI	444.450 +	
AMORY	KB5DSN	444.825 +	
BILOXI	W5OXA	443.925 +	
BYHALIA	N4DRL	444.300 +	
CLERMONT HARBR	WD5BJT	444.150 +	
CLINTON	KG5YV	444.000 +	T100.0
ELLISVILLE	N5DWU	442.200 +	T167.9
ELLISVILLE	N5DWU	442.250 +	T167.9
ELLISVILLE	N5DWU	442.325 +	T
GLOSTER	N5ZNS	443.825 +	
GREENVILLE	N5PS	444.675 +	
HATTIESBURG	W5CJR	443.700 +	T136.5
HAZLEHURST	N5ZDF	443.950 +	T100.0
HEIDELBERG	KC5RC	444.300 +	T100.0
HICKORY FLAT	W4ZCD	444.725 +	T179.9
JACKSON	KB5LCL	444.450 +	T141.3
JACKSON	KB5CO	444.600 +	T100.0
JACKSON	NC5Y	444.700 +	
JACKSON	KB5CO	444.800 +	
LAUREL	AJ0X	443.500 +	
MCCOMB	N5HTQ	444.875 +	T100.0
MENDENHALL	K5HYE	443.600 +	
MONTICELLO	N5DWU	442.075 +	T
NEW ALBANY	WB5YCR	444.150 +	
NEW HEBRON	N5NNI	444.525 +	T
PEARL	KB5HAV	444.375 +	T88.5
PETAL	W5PAW	443.350 +	T
PICAYUNE	KE5LT	443.725 +	T179.9
PINOLA	KC5LXF	444.850 +	
PORT GIBSON	KC5CLM	444.575 +	T141.3
ROSE HILL	KB5ZCX	442.875 +	PROP
SOUTHAVEN	N5PYQ	444.925 +	T107.2
STARKVILLE	W5VZF	444.750 +	
STENNIS SPC CEN	WB4FUR	444.650 +	
TUPELO	N5VGK	444.950 +	T192.8
VICKSBURG	WB5TTE	444.925 +	
VOSSBURG	N5LRQ	442.725 +	T167.9
WALLS	N5NBG	444.650 +	
WAYNESBORO	KB5SAR	443.550 +	

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MISSISSIPPI REPEATERS CONTINUE

WAYNESBORO	N5DWU	443.900 +	T167.9		
WEST POINT	N5WXD	443.450			
WIGGINS	KB5DZJ	443.300 +	167.9		

ATV REPEATERS

GAUTIER	KA5NOJ	911.250	-		
GAUTIER	KA5NOJ	426.250	+		

NORTH CAROLINA

10 METERS

NEWPORT	K4GRW	29.660	-	PROP	
ROCKY MOUNT	N4JEH	29.660	-		
THOMASVILLE	WW4DC	29.680	-	88.5	
WAKE FOREST	AE4XJ	29.640	-	PROP	
WILKESBORO	KC4XE	29.620	-		

6 METERS

BARIUM SPRINGS	WA4WRS	53.670	-	PROP	
CHAPEL HILL	W4UNC	53.450	-	T	
CLINTON	N4ZHC	53.330	-		
EFLAND	WA1YYN	53.410	-	T107.2	
FAYETTEVILLE	W4EBM	53.810	-		
GASTONIA/CRWDR	N4XTF	53.110	-		
#GRANDFATHER MT	WA4PXV	53.050	-	UNCOR	
HENDERSONVILLE	WA4FOT	53.130	-	T131.8	
KVILLE/HIPOINT	KE4QOX	53.590	-	PROP	
LUMBERTON	KD4BGD	53.110	-		
MARS HILL	WB4PLA	53.090	-		
MT MITCHELL	K4JWJ	53.630	-	T100.0	
MT.AIRY/FANCY GP	KD4FWS	53.070	-	T100.0	
MT.AIRY/FANCY GP	KD4FWS	53.970	-	PROP	
NEWPORT	K4GRW	53.010	-	PROP	
PITTSBORO	KD4JFN	53.230	-	T107.2	
RALEIGH	WA4PEN	53.250	-		
#RANLO	KC4YOZ	53.390	-	UNCOR	
REELSBORO	KF4IXW	53.090	-	T162.2	
ROCKY MOUNT	N4JEH	53.050	-		
ROCKY MOUNT	KC4SBJ	53.650	-	PROP	
SOPHIA/RANDELMN	WR4BEG	53.350	-		
THOMASVILLE	KE4QOX	53.010	-	T88.5	
THOMASVILLE	WW4DC	53.170	-	88.5	
THOMASVILLE	WW4DC	52.525	+	T88.5	
#WEST JEFFERSON	WA4PXV	53.750	-	UNCOR	
WILMINGTON	AD4DN	53.430	-	T88.5	
YOUNGSVILLE	KD4MYE	53.370	-	T	

2 METERS

AHOSKIE	WA4ZGQ	146.910	-	T131.8	
ALBEMARLE	K4OGB	146.985	-		
ANDRWS/ROBNSVL	K4AIH	147.045	-	T151.4	
ANDSN MT/DENVER	K4CCR	145.170	-	88.5	
AQUADALE	WA4CHZ	147.390	+		
ASHEBORO	KJ4AV	147.255	+		
#ASHEVILLE	WB4PLA	146.835	-	UNCOR	
ASHVL/MT PISGAH	WA4BVW	146.760	-		
ASHVL/SPIVEY MT	W4MOE	146.910	-	91.5	
BAKERSVILLE	KC4WPM	145.310	-		
BANNER ELK/SUGARN	N4WET	146.625	-		
BEULAVILLE	N4VBH	145.230	-		
BOONE/RICH MTN	WA4J	147.360	+		
BREVARD	K4HXZ	147.135	+		
BROADWAY	K4ITL	147.105	+		
BURGAW	W4DLH	146.940	-		
BURLINGTON	K4FHB	146.670	-		
BURNSVILLE	KD4WAR	146.955	-		
BURNSVILLE	KD4WAR	147.375	+		
BUTNER	WA4IZG	146.940	-	T156.7	
BUXTON	K4USB	146.625	-	131.8	
CANTON	W4DJB	146.805	+		
CARTHAGE	W2SE	147.240	+		
CHAPEL HILL	W4UNC	145.230	-	T131.8	
CHARLOTTE	W4BFB	145.230	-		
CHARLOTTE	W4BFB	145.290	-		
CHARLOTTE	WA4AOS	145.350	-		
CHARLOTTE	W4BFB	146.940	-		
CHARLOTTE	W4CQ	147.060	-		
CHARLOTTE	W4CQ	147.270	+		
CLAYTON	KO4XC	145.290	-	T	
CLINTON	K4OAR	146.790	-		
COINJOCK	WN3X	145.290	-	PROP	
COLUMBIA	KB4TOH	145.110	-	T131.8	
CONCORD/KANNAP.	K4CEB	146.655	-		
#COOL SPRINGS	KC4DBZ	147.045	+	UNCOR	
CROSSNORE	KD4GLB	146.700	-	167.9	
DUNN	N4CID	146.700	-		
DURHAM	WR4AGC	145.450	-		
DURHAM	WD4LDB	147.360	+		
EDEN/STONEVILLE	WA4QBG	147.390	+		
EFLAND	WA1YYN	147.180	+	T156.7	
ELIZABETH CITY	WA4VTX	146.655	-		
ELM CITY	K2IMO	145.150	-	88.5	
FARMVILLE	K4ROK	145.270	-	T131.8	
FAYETTEVILLE	N4EWG	146.805	-		
FAYVLLE/CFARS	WB4YZF	146.910	-	100	
FAYVLLE/FT BRAGG	W4LPL	147.330	+		
FOREST CITY	WA4BKU	146.670	-		
FOREST CITY	W4SIJ	147.240	+	T123.0	
FRANKLIN	NT4K	145.490	-		
GASTONIA/CRWDR	K4GNC	146.805	-		
#GIBSONVILLE	WB4IKY	145.490	-	UNCOR	
GOLDSBORO	KK4YP	145.330	-	T100.0	
GOLDSBORO	K4CYP	146.850	-	T	
GRAHAM	K4GWH	147.375	+	T114.8	
GREENSBORO	W4GSO	145.150	-		
GREENSBORO	W4GG	147.030	+	T131.8	
GREENSBORO	W4BUZ	147.210	+		
GREENSBORO/LVLX	N4GGD	145.250	-	88.5	
GREENVILLE	WD4JPQ	145.350	-	T131.8	
#GREENVILLE	KC4UMO	147.375	+	UNCOR	
GREENVL/ESTN NC	W4GDF	147.090	+		
GRIFTON	W4NBR	146.685	-	88.5	
HATTERAS ISLAND	KE4ZTD	145.150	-	T131.8	
HAW RIVER	KD4JFN	146.715	-	T107.2	
HENDERSONVILLE	WB4YAO	146.640	-		
HENDERSONVILLE	WA4KNI	147.105	+		
HENDSVL/BERWLW	WA4KNI	145.270	-		
HENDSVL/PENIC/MT	WA4KNI	147.255	+		
HICKORY/BRT. MT	WA4DSZ	146.850	-		
HIGH PEAK MTN	K4OLC	145.210	-	94.8	
HIGH POINT	N4XO	145.410	-		
HIGH POINT	N4NNR	146.835	+		
HIGH POINT	W4UA	147.165	+		
HILLSBOROUGH	WR4AGC	147.225	+		
JACKSONVILLE	KA4SQN	145.190	-		
JACKSONVILLE	WD4FVO	147.000	-		
JEFFERSON	KK4X	147.300	+	T103.5	
#KINSTON	W4OIX	145.470	-	UNCOR	
LAURINBURG	KI4RR	146.625	-		
#LENOIR	N4NIN	147.195	+	UNCOR	
LENOIR/HIBRITN	KN4K	147.330	+	T141.3	
LEXINGTON	WD4IIP	145.310	-	T88.5	
LEXINGTON	K4IZM	146.910	-		
LINCOLNTON	KF4OGO	147.015	+		
#LUMBERTON	W4NHV	145.150	-	UNCOR	
LUMBERTON	W4NHV	147.045	+		
LUMBERTON	KD4PBK	147.165	+	T88.5	
LUMBERTON	W4PET	147.360	+		
MACO	WA4LED	147.060	+		
MADISON	WA4IXW	147.345	+	T103.5	
MANTEO/WANCHES	W4ACY	146.940	-		
MIDWAY	KM4AR	145.270	-	T77.0	
MILLERS CREEK	N4GGN	146.715	-		
MONROE/UCARS	N4ZVN	145.390	-		
MORGANTON	KC4QPR	146.745	-	PROP	
MORGANTON	K4VLY	147.150	+		
MOUNT AIRY	N4VRD	145.330	-	T100.0	
MOUNT AIRY	AC4NZ	146.940	-	T100.0	
MOUNT AIRY	N4XRY	146.970	-		
MT MITCHELL	WA4BVW	145.190	-		
MURPHY/STALCUP	KB4YSX	146.865	+	T151.4	
N. WILKESBORO	N4AGN	145.370	-		
NAGS HEAD/BODIE	W4PCN	146.835	-		
NEW BERN	WD4JMS	146.610	-	T100.0	
NEWPORT	K4GRW	145.450	-		
NEWTON	K4CCR	147.075	+	T88.5	
OXFORD	N4NCK	145.170	-		
OXFORD	N4NCK	145.370	-		
PITTSBORO	KD4JFN	147.075	+	T107.2	
RAEFORD	KU4W	145.430	-	118.8	
RALEIGH	W4RNC	145.130	-	T88.5	
RALEIGH	K4GWH	145.190	-	T156.7	
RALEIGH	K4BWC	145.490	-	T88.5	
RALEIGH	WB4TQP	146.610	-	T131.8	
RALEIGH	W4DW	146.640	-		
RALEIGH	K4BWC	146.730	-	T88.5	
RALEIGH	KD4RAA	146.775	-	T88.5	
RALEIGH	WB4TQD	146.880	-		
RALEIGH	KD4MYE	147.015	+		
RALEIGH	WB4TQD	147.150	+		
RALEIGH	KO4CW	147.195	+	T88.5	
RALEIGH BENSON	AK4H	147.270	+	T100.0	
RED SPRINGS	W4MZP	147.300	+		
REIDSVILLE	KE4YVP	146.850	-	T103.5	
ROANOKE RAPIDS	KB4DJT	147.030	+		
ROARING GAP	WB4PZA	146.820	-		
ROBBINSVILLE	KR4RR	145.110	-	T151.4	
ROCKINGHAM	K4RNC	146.955	-		
ROCKY MOUNT	W4DCG	146.805	-	T118.8	
ROCKY MOUNT	WN4Z	147.120	+	131.8	
ROSEBORO	K4ITL	145.310	-		
SALISBURY	W4EXU	146.730	-	T94.8	
SAURATOWN MT	W4NC	145.470	-	T100	
SAURATOWN MT	KK4AT	146.790	-	T107.2	
SAURATOWN MT	K4MPJ	147.315	+	T100.0	
SHALLOTTE	K4PPD	145.370	-		
SHALLOTTE	K4PPD	147.315	+		
SHALLOTTE	K4PPD	147.390	+		
SHELBY	W4NYR	146.880	-		
SHELBY	W4NYR	147.345	+		
SMITHFIELD	K4WGG	146.970	-		
SOUTHPORT	K4JYH	146.775	-		
SPARTA/GREEN MT	K4QFQ	145.430	-		
STATESVILLE	KE4WSX	146.685	-		
SWANSBORO	KO4S	146.760	-		
SYLVA	KF4DTL	147.345	+	151.4	
THOMASVILLE	WW4DC	147.000	+	T88.5	
TRENTON	WB4TQD	145.210	-		
TRYON	KF4JVI	145.330	-		
WADESBORO	W4USH	146.835	-		
WASHINGTON	WA4TEP	147.345	+		
WAXHAW	WA4ZRS	146.865	+	94.8	
WAYNESVILLE	N4SM	147.270	+		
WAYNESVILLE	KE4JMH	147.390	+		
WHITEVILLE	W4NTQ	147.210	+		
WILLIAMSTON	K4SER	145.410	-	T131.8	
WILMINGTON	AD4DN	146.670	-	T88.5	
WILMINGTON	W4VNK	146.730	-		
WILMINGTON	K4GMP	146.820	-	T88.5	
WILMINGTON	WA4US	147.135	+		
WILMINGTON	AC4RC	147.180	+	T88.5	
WILSON	WB4THL	146.760	-		
WINSTON-SALEM	W4NC	146.640	-	T100	
YADKINVILLE	N4YSB	147.015	-		
YOUNGSVILLE	KD4MYE	145.110	-	88.5	

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880	-	T	
ASHEVILLE	WB4PLA	224.600	-		
ASHVL/MT PISGAH	WA4BVW	224.260	-		
BARIUM SPRINGS	WA4WRS	224.300	-		
CANTON	N4DWU	224.820	-		
CHARLOTTE	W4BFB	224.400	-		
CHERRYVILLE	KC4ZTJ	224.960	-		
DUNCAN	KM4TC	224.700	-	T88.5	
EDEN	WA4WGY	224.780	-	T103.5	
EFLAND	WA1YYN	224.660	-	T107.2	
FAYETTEVILLE	WB4YZF	224.560	-		
GOLDSBORO	W3CH	224.960	-	T156.7	
GREENSBORO	WR4BEG	224.140	-		
GREENSBORO	WB4GUG	224.440	-	T107.2	
GREENSBORO	N4QVI	224.960	-		
GRIFTON	WA4DAN	224.840	-		
#GRIMESLAND	WB4PAC	224.360	-	UNCOR	
HAW RIVER	KD4JFN	224.620	-	T107.2	
HENDSVL/BERWLW	WA4KNI	224.240	-		
HIGH POINT	KC4KUL	224.600	-		
HILLSBOROUGH	WR4AGC	224.260	-		
JACKSONVILLE	KA4SQN	224.320	-		
KVILLE/HIPOINT	KE4QOX	224.240	-	PROP	
KVILLE/HIPOINT	KD4LHP	224.820	-	107.2	
LENOIR/HIBRITN	KN4K	224.160	-		
LEXINGTON	KR4HJ	224.520	-	PROP	
LOCUST	W4DEX	224.480	-		
MARSHALL	KA4TYO	224.360	-	T	
MT MITCHELL	WA4BVW	224.540	-		
OXFORD	N4NCK	224.740	-		
PLYMOUTH	KB7BTU	224.760	-	PROP	
RALEIGH	WA4PEN	224.640	-		
ROCKY MOUNT	NF4C	224.220	-		
ROCKY MOUNT	KR4AA	224.580	-		
SALISBURY	W4EXU	224.760	-		
SHELBY	W4NYR	224.060	-		
SHELBY	KC4ZTJ	224.460	-		
SUNSET BEACH	N4LV	224.660	-		
THOMASVILLE	WW4DC	224.340	-	T88.5	
TRENTON	WA4DAN	224.720	-		
WILMINGTON	WA4US	224.200	-	T	
WILMINGTON	K4YNY	224.500	-	T88.5	
#WINSTON-SALEM	WA4RQF	224.580	-	UNCOR	
WINSTON-SALEM	WA4RQF	224.640	-		
ZEBULON	KD4WJD	224.800	-	T88.5	

440 MHZ

ANDRSN MT/DENVR	K4CCR	444.075	+		
ANDRWS/ROBINSVL	WD4NWV	442.600	+	T151.4	
ANDRWS/ROBINSVL	K4AIH	443.650	+	T	
ARCHDALE	KC4SVQ	443.300	+		
ASHEBORO	WD4ICX	442.325	+		
ASHEBORO	KD4JYV	444.300	+	PROP	
ASHEBORO	KQ4ML	444.975	+		
ASHEVILLE	N4DWT	444.900	+		
AUBURN	N4ZCM	442.275	+		
BAKERSVILLE	KM4GR	442.750	+		
BREVARD	KA7JXU	442.850	+		
BURLINGTON	WB4IKY	443.025	+	T107.2	
BURNSVILLE	KD4WAR	443.650	+		
CANTON	KE4UIU	443.475	+	T156.7	
CARY	K4ZAD	441.900	+	PROP	
CARY	K4JDR	444.775	+	100.0	
CHAPEL HILL	W4UNC	442.150	+	T	
CHAPEL HILL	W4UNC	443.475	+	T131.8	
CHARLOTTE	W4CQ	444.450	+		
CHARLOTTE	W4BFB	444.600	+	T100.0	
CHARLOTTE	W4WBT	444.675	+		
CHARLOTTE	W4CQ	444.850	+		
CLINTON	N4ZHC	441.700	+	T131.8	
COLFAX	KS4SB	442.200	+	PROP	
COLUMBIA	KB4TOH	443.300	+		
CRAB CREEK TWP	KB4PQA	443.125	+		
DALLAS/CHARLOTTE	WA1WXL	444.950	+	T136.5	
DALLAS/CLT	KC4YOZ	443.850	+	T100.0	
DURHAM	WR4AGC	444.100	+		
EFLAND	WA1YYN	442.050	+	T107.2	
#ELIZABETH CITY	WA4VTX	444.300	+	UNCOR	
FAYETTEVILLE	WB4YZF	444.400	+	100HZ	
FOREST CITY	KC4YOQ	444.400	+		
G'BORO/H'POINT	WD4PQZ	443.500	+	T77.0	
GASTONIA/CRWDR	KC4ZTI	443.750	+		
GASTONIA/CRWDR	KE4GTM	444.150	+		
GASTONIA/CRWDR	KC4YOT	444.750	+		
GIBSONVILLE	WB4IKY	444.350	+	T107.2	
GOLDSBORO	W3CH	443.050	+	T156.7	
GRAHAM	K4GWH	443.725	+	T156.7	
GRAINGERS	WD6GMQ	443.250	+		
#GRANDFATHER MT	WA4PXV	443.575	+	UNCOR	
GRANTSBORO	KR4LO	444.350	+		
GREENSBORO	WG4R	442.725	+		
GREENSBORO	KD4DNY	443.650	+		
GREENSBORO	KD4DNY	444.475	+	107.2	
GREENVILLE	WB4PMQ	444.800	+	T131.8	
#HAMLET	W4DEX	443.200	+	UNCOR	
HATTERAS ISLAND	KE4ZTD	444.925	+	T131.8	
HAW RIVER	KD4JFN	443.775	+	T107.2	
HENDERSONVILLE	WA4TOG	442.450	+	T	

SYMBOLS: @ = Full Member SERA T = Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

N. CAROLINA REPEATERS CONTINUE

HENDSVL/BERWLW	WA4KNI	444.250 +		
HICKORY	KJ4EQ	444.000 +		
HIGH POINT	W4UA	443.900 +		
HIGH POINT	KD4JFN	444.025 +	T107.2	
HILLSBOROUGH	WR4AGC	444.450 +	PROP	
#JACKSONVILLE	KE4JDP	444.675 +	UNCOR	
#KING/SAURATOWN	KE4QEA	444.200 +	UNCOR	
KINSTON	N4HAJ	444.575 +	T88.5	
KVILLE/H POINT	KE4QOX	443.700 +	T103.5	
KVILLE/HIPOINT	KF4IXK	443.325 +	PROP	
LAKE GASTON	KF5TU	442.350 +	T100.HZ	
LENOIR/CAJAH MTN	N4EUX	443.525 +		
LEXINGTON	N4TZD	442.425 +	T	
LEXINGTON	K4AE	442.925 +	T	
LEXINGTON	WD4ICX	444.500 +		
LINCOLNTON	WA4YGD	442.350 +		
LOCUST	WA4LBT	443.700 +		
LUMBERTON	WB4DVN	444.625 +		
LUMBERTON	KD4BGD	444.700 +	T114.8	
MAYODAN	WA4WGY	443.975 +		
MCLEANSVILLE	WB4GUG	444.125 +	T	
MIDDLESEX	NE4J	444.650 +	T179.9	
MONROE	N4ZVN	444.425 +	T94.8	
MORG./WALKR TOP.	KC4QPR	442.300 +		
MORGANTON	KC4QZL	443.800 +	T	
MOUNT AIRY	N4XRY	444.925 +		
MT AIRY/FSH PK	KF4UY	444.825 +	T100.0	
MT MITCHELL	N4DWU	443.900 +		
NEW BERN	WD4JMS	444.900 +	T100.0	
#NEWPORT CCARS	W4YMI	444.975 +	UNCOR	
NEWTON	KE4KIV	442.625 +		
OLD FORT	AF4CI	444.775 +		
OXFORD	KC4WXA	444.600 +		
PIKEVILLE	KK4YP	443.000 +	PROP	
PINEY KNOB	KC4KPW	443.875 +	T103.5	
PITTSBORO	K1BUD	442.550 +	T	
PITTSBORO	KD4JFN	444.750 +	T107.2	
POLKVILLE	KC4ZTJ	444.975 +		
RALEIGH	N4LMR	442.450 +		
RALEIGH	KD4RAA	442.675 +	T100.0	
RALEIGH	WA4NNA	443.125 +		
RALEIGH	N4ZCM	443.225 +	T	
RALEIGH	W1IFL	443.375 +		
RALEIGH	WA4PEN	444.525 +	T88.5	
RALEIGH	K4GWH	444.825 +	T146.2	
RALEIGH	KD4RAA	444.875 +	T162.2	
RALEIGH	W4DW	444.950 +		
REIDSVILLE	K4YEC	444.800 +	T107.2	
RES. TRIANGLE PK	WA1YYN	443.425 +	T156.7	
RESEARCH TRI PK	KD4IHW	444.675 +		
ROANOKE RAPIDS	KK4VM	444.550 +	T192.8	
ROARING GAP	KC4XE	443.550 +		
ROCKY MOUNT	N4JEH	444.700 +		
ROUGMNT/RED MT	WA4WTX	443.275 +	100.0	
RTP	W4EUS	443.625 +		
SALISBURY	W4HG	443.150 +	T	
#SALISBURY	N4MME	444.650 +	UNCOR	
SANFORD	W4RNR	442.375 +		
SAURATOWN MT	WW4DC	443.100 +	T88.5	
SAURATOWN MT	WB4GUG	443.400 +	T107.2	
SELMA	KK4YP	444.000 +		
SEVEN SPRINGS	K4JDR	444.150 +	100.0	
SOPHIA/RANDLEMN	WR4BEG	443.075 +		
SOUTHERN PINES	KD4QMS	444.800 +	PROP	
SPINDALE	KC4IEV	443.300 +	T123.0	
SPIVEY'S CORNER	KD4DMS	442.875 +		
STATESVILLE	N4VOZ	443.450 +		
TARBORO	N4JEH	444.500 +	T100.0	
TAYLORSVILLE	KF4CYI	442.950 +	T173.8	
TAYLORSVL/BARR M	K4OLC	444.050 +	PROP	
THOMASVILLE	WW4DC	442.900 +	T88.5	
UWHARRIE	KD4JYV	442.075 +	PROP	
WAYNESVILLE	KE4JMH	444.450 +		
WEST JEFFERSON	WA4PXV	442.375 +		
WILKESBORO	KE4DGP	442.475 +	T107.2	
#WILLIAMSTON	K4SER	444.350 +	UNCOR	
WILMINGTON	WA4US	442.175 +		
WILMINGTON	WA4US	442.200 +	T	
WILMINGTON	K4YNY	442.500 +	T88.5	
WILMINGTON	AD4DN	443.400 +	T88.5	
#WILMINGTON	WA4US	443.850 +	UNCOR	
WILMINGTON	WA4US	443.950 +		
WILMINGTON	WA4US	444.200 +		
WILMINGTON	WA4US	444.450 +		
WILMINGTON	WA4US	444.650 +		
WILMINGTON	K4GMP	444.850 +	T88.5	
WILSON	NE4J	444.900 +	T179.9	
WINSTON-SALEM	W4NC	444.275 +		
WINSTON-SALEM	KD4MMP	444.725 +	T107.2	
#WINSTON-SALEM	WA4RQF	444.775 +	UNCOR	
YADKINVILLE	N4AAD	442.800 +	T100.0	
YOUNGSVILLE	KD2LH	443.200 +	T88.5	
ZEBULON	KD4WJD	442.400 +		

1270 MHZ

GASTONIA/CRWDR	KE4GTM	1292.820-	
GREENSBORO	KB4SXY	1291.400-	

ATV REPEATERS

DURHAM TV HILL	KJ4SO	421.250 +	
GREENSBORO	KO4AT	421.250 +	
#SHELBY	W4NYR	427.250 +	UNCOR

UNKNOWN REPEATER LISTS ARE AT THE END OF THIS INDEX

SOUTH CAROLINA

BEACON

RKY RDG/WALLACE	W4APE	29.600 -	

10 METERS

SUMTER	KQ7E	29.660 -	

6 METERS

BLYTHEWOOD	N0WFL	53.010 -	PROP
GILBERT	KC4GYM	53.270 -	T162.2
GVL/CSR'S HEAD	KO4MZ	53.410 -	T131.8
LITTLE MOUNTAIN	KN4AS	53.190 -	PROP
MOUNTAIN REST	KF4IWA	53.590 -	
SUMTER	W4GL	53.770 -	PROP

2 METERS

ADAMS RUN (CHAS)	N7GZT	147.345 +		
AIKEN	N4ADM	147.285 +		
ANDERSON	N4AW	146.970 -		
ANDERSON/SAS MT	N4AW	146.790 -		
AWENDAW	K4LWS	147.300 +	T103.5	
BAMBERG	WA4DFP	145.330 -		
BARNWELL	KF4CVO	147.030 +	T156.7	
BEAUFORT	KD4KOJ	145.310 -		
BEAUFORT	KD4KOJ	146.655 -		
BISHOPVILLE	W4APE	146.925 -		
BLYTHWOOD	N0WFL	147.000 -		
CHARLESTON	WA4USN	145.250 -		
CHARLESTON	WA4USN	146.790 -		
CHARLESTON	KT4YW	146.835 -		
CHARLESTON	KF4CDR	146.940 -		
CHARLESTON AREA	W4ANK	147.270 +		
CHERAW	W4APE	145.490 -		
CHESTER	KT4DG	145.310 -		
CHESTER	KF4SXO	146.625 -	T	
CHESTERFIELD	KF4GPE	147.135 +		
CLEMSON UNIVERSI	WD4EOG	145.450 -	T	
COLUMBIA	N0YVN	145.190 -	PROP	
COLUMBIA	KC4GYM	145.270 -	T127.3	
COLUMBIA	KF4GHC	147.330 +	T156.7	
DILLON/PEE DEE	NN4N	146.745 -		
EASTOVER	KT4BU	147.075 +	T156.7	
ELLOREE	KC4WIF	146.610 -	T118.8	
FLORENCE	W4ULH	146.850 -		
FLORENCE	W4GEY	146.970 -		
FLORENCE	W4APE	147.195 +		
FORT JACKSON	KF4GHC	146.775 -	T156.7	
FORT MILL	WB4TWX	145.110 -		
#FORT MILL	W4DXA	147.180 +	UNCOR	
GAFFNEY	KN4RG	145.470 -	T141.3	
GEORGETOWN	KI4CB	147.375 +	179.9	
GILBERT	KF4GHC	145.430 -	T156.7	
GREENVILLE	W4IQQ	146.940 -	T7	
GREENVILLE	K4LEQ	147.375 +	T	
GREENWOOD	W4GWD	147.165 +	107.2	
GRNVLE/CSRS HD	W4NYK	146.610 -		
GRNVLE/PARIS MT	W4NYK	146.820 -		
HILTON HEAD	W4ILN	147.240 +	T	
LANCASTER	W4PAX	146.700 -		
LANCASTER	AC4VT	147.240 +	T88.5	
LAURENS	KD4HLH	146.865 -	T107.2	
LEESVILLE	W4RRC	147.255 +	T123.0	
LEXINGTON	NS4SC	145.210 -		
LEXINGTON	KA4FEC	147.390 +		
LITTLE MT.	K4AVU	147.210 +		
MARION	W4YLT	147.000 -		
MONCKS CORNER	WD4NUN	147.150 +	T	
MT PLEASANT	K4ESG	146.760 -	T	
MYB BCH/BRKSVIL	N4LV	147.285 +		
MYR BCH/CONWAY	W4GS	145.110 -		
MYR BCH/CONWAY	KI4CB	145.470 -	T179.9	
MYRTLE BEACH	W4GS	147.120 +		
N. AUGUSTA	K4NAB	146.730 -		
#N. MYRTLE BEACH	K4NMB	147.030 +	UNCOR	
N. SPARTANBURG	N4UZT	147.315 +	T141.3	
NO. COLUMBIA	KE4GUA	147.105 -	PROP	
ORANGEBURG	KF4ATU	146.805 -	T156.7	
ORANGEBURG	KF4ATU	147.090 +	T156.7	
PAGELAND	W4APE	146.895 -		
PICKENS	KF4FOF	146.700 -		
PICKENS	WB4YXZ	147.000 -		
#ROCK HILL	W4WET	145.410 -	UNCOR	
ROCK HILL	K4YTZ	147.030 -		
SANTEE	W4DTW	147.225 +		
SENECA/LONG MT	WA4JRJ	147.270 +		
SIMPSONVILLE	WD4BJY	146.730 -		
SPARTANBURG	K4JLA	147.090 +		
ST. MATTHEWS	AD4U	146.670 -	T156.7	
SUMMERVILLE	WA4HNK	147.180 +		
SUMTER	K4JR	145.130 -		
UNION	K4USC	145.250 -		
UNION	K4USC	146.685 -		
WHITE HALL	W4BWZ	146.910 -		
#WHITE OAK MTN	W4RCW	147.285 +	UNCOR	

220 MHZ

COLUMBIA	KC4GYM	224.560 -	PROP	
GREENVILLE	W4ILY	224.200 -		
GRNVL/DOWNTWN	W4NYK	224.920 -	88.5	
LITTLE MTN	K4RWN	224.520 -		
PICKENS	WB4QHF	224.400 -	T131.8	
PICKENS/CSRS HD	WB4QHF	224.140 -	T131.8	
PICKENS/SASFR MT	AJ4N	224.320 -		

440 MHZ

AIKEN	AC4WW	443.400 +	T107.2	
#BLUFFTON	WA4MPZ	442.675 +	UNCOR	
BLYTHEWOOD	N0YNV	444.000 +	PROP	
CHARLESTON	N4MNH	444.300 +		
CLEMSON UNIV.	WD4EOG	444.625 +	T156.7	
COLUMBIA	KC4GYM	442.075 +	T156.7	
COLUMBIA	KF4GHC	444.200 +	T156.7	
COWPENS	KE4EAN	443.625 +	T136.5	
EASLEY/SAS MTN	AC4RZ	444.925 +	T103.5	
FORT MILL	WB4TWX	443.475 +		
GREENVILLE	KB4PQA	442.250 +		
GREENWOOD	W4GWD	443.900 +	T107.2	
GRNVLE/PARIS MT	ND4N	443.350 +		
KNIGHTSVILLE	WA4USN	441.350 +	PROP	
LANCASTER	KC4AC	444.100 +		
LAURENS	KD4HLH	443.175 +	T146.2	
LAURENS	KF4Y	443.775 +	T141.3	
LITTLE MT	NK4W	442.975 +	PROP	
MOUNTAIN REST	AE4PZ	442.775 +	T162.2	
MT. PLEASANT	WA4USN	441.450 +	PROP	
MYB BCH/BRKSVIL	N4LV	444.525 +		
MYR BCH/CONWAY	W4GS	444.675 +		
#MYRTLE BEACH	W4GS	444.575 +	UNCOR	
NO. CHARLESTON	KT4YW	444.600 +		
ORANGEBURG	WM3O	444.975 +		
PICKENS	KF4FOF	442.125 +	PROP	
PICKENS/CSRS HD	WB4QHF	442.400 +	T127.3	
SIMPSONVILLE	N4GLB	442.725 +		
SUMMERVILLE	KE2D	442.300 +	T	
SUMMERVILLE	WA4HNK	443.800 +		

1270 MHZ

BLYTHEWOOD	N0WFL	1292.000-	PROP

ATV REPEATERS

SUMTER	WA4UMU	423.250 +	

TENNESSEE

BEACON

GREENEVILLE	WB4NKM	222.058 -	

10 METERS

GALLATIN/BNA	W4CAT	29.640 -	T107.2	
GREENEVILLE	WB4NKM	29.640 -		
MEMPHIS	W4ZJM	29.620 -	T*#	
UNION CITY	WA4YGM	29.660 -		

6 METERS

CHATTANOOGA	W4AM	53.350 -	PROP	
COOKEVILLE	WA4UCE	53.190 -	PROP	
GALLATIN	WA4BGK	53.050 -	T114.8	
GRAY/HOLSTON MT	WD4SBX	53.010 -		
KINGSPORT	K4GX	53.430 -	PROP	
#KNOXVILLE	WA4YON	53.250 -	UNCOR	
KNOXVILLE	N4OQJ	53.550 -	PROP	
KNXVL/ENG MT	WB4IOB	53.150 -		
LAFOLLETTE	K4BGW	53.170 -	PROP	
MARYVILLE	KC4PDQ	53.370 -	PROP	
MCNAIRY	NU5O	53.350 -	T107.2	
MEMPHIS	WA4KOG	53.010 -		
MEMPHIS	K4RDK	53.550 -		
MORRISTOWN	KF4FTD	53.030 -	PROP	
MORRISTOWN	KQ4E	53.230 -		
NASHVILLE	WA4BGK	53.010 -	T114.8	
NASHVILLE	N4ARK	145.210 -		
OAK RIDGE	WD4GYN	53.110 -		
ROAN MTN	KD4SQB	53.310 -		
#ROGERSVILLE	K4GX	53.750 -	UNCOR	
WAVERLY	KC4VHQ	53.090 -	PROP	

2 METERS

ALAMO	WB4EDS	147.135 +		
ANDERSON CTY	KF4BVQ	146.700 -	T100.0	
ARNOLD A.F.B.	KC4FV	147.195 +		
ATHENS	WA4PNI	145.310 -	T141.3	
ATOKA	KC4SBK	147.330 +		
BENTON	K4SIR	145.450 -	T	
BLOUNTVILLE	WA4CBX	147.000 +		
BOLIVAR	WD4OZN	147.045 +		
BRADEN	WA4KOG	145.490 -		
BRISTOL	W4UD	146.670 -		
BROWNSVILLE	KB4YTU	145.430 -		
BROWNSVILLE	KD4AOK	146.655 -		
BRSTL/HOLSTN MT	K4JP	146.760 -		
BRUCETON	KF4SCT	145.170 -	T107.2	
BUCKSNORT	KF4SCT	145.430 -	T107.2	
CARLISLE	KT4WS	145.250 -		
CARTHAGE	N4OTT	145.190 -		
CHATTANOOGA	K4CMY	145.130 -		
CHATTANOOGA	W4AM	145.290 -	T67.0	
CHATTANOOGA	W4AM	145.390 -		
CHATTANOOGA	W4AM	146.610 -		
CHATTANOOGA	W4AM	146.790 -		
CLARKSVILLE	WD4SGA	147.000 +		
#CLARKSVILLE	KF4L	147.390 +	UNCOR	
CLEVELAND	W4GZX	146.925 -		
CLEVELAND	KD4NEC	147.105 +	PROP	
CLEVELAND	WD4DES	147.180 +	T118.8	
COLLEGEDALE	KA6UHV	147.000 +		
COLUMBIA	W4GGM	147.120 +		
COOKEVILLE	NQ4Y	145.110 -		
COOKEVILLE	WA4UCE	145.430 -		
COOKEVILLE	N4WS	147.210 +		

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TENNESSEE REPEATERS CONTINUE

CORNERSVILLE	KF4TMP	146.625 -	PROP
CROSSVILLE	W4EYJ	146.805 -	PROP
CROSSVILLE	KF4DPU	146.865 -	©
CUMBERLAND CITY	WD4DBJ	145.330 -	T
CUMBERLAND CITY	WA4TLZ	146.925 -	T127.3
DANDRIDGE	WD4EGD	146.895 -	T ©
DAYTON	K4PHT	147.345 +	
DAYTON/RHEA CTY	K4DPD	147.390 +	
DECATUR-PONE KB	W4RJC	145.150 -	
DICKSON	KN4HL	147.375 +	©
DOVER	N4VIH	145.410 -	T
DRESDEN	KE4OVN	145.350 -	107.2 ©
DYERSBURG	WB4RCK	146.745 -	
ERWIN/PINNACLE	N4WXS	145.250 -	T
ERWIN/UNICOI	KF4BRS	147.165 +	
EVA	AD4QG	147.090 +	
FAYETTEVILLE	W4BV	147.030 +	©
FRANKLIN	W4XS	145.150 -	
FRUITLAND	KF4SCT	146.775 -	T107.2 ©
GALLATIN	N4SSB	145.130 -	T107.2 ©
GALLATIN	W4LKZ	147.240 +	T114.8 ©
GALLATIN	WA4YQC	147.270 +	T114.8 ©
GALLATIN	W4CAT	147.300 +	T114.8
GRAY	WD4SBX	145.110 -	T100.0
GREENBRIER	WQ4E	147.075 +	T107.2
GREENEVILLE	W4WC	145.390 -	©
GREENEVILLE	WB4NKM	145.410 -	
GRNVLE/VIKING MT.	KB4UG	147.060 +	
GTLBG/COVE MTN	WA4KJH	146.850 -	T127.3
HARRIMAN	KA4QYI	146.640 -	T100.0 ©
HARRIMAN	KC4WHL	146.745 -	©
HENDERSON	K4TC	147.105 +	T ©
HENDERSONVILLE	WB4WZK	145.270 -	T ©
HUNTINGDON	KB4YTM	146.835 -	
JACKSON	KD4GCT	145.110 -	
JACKSON	KF4SC	145.310 -	©
JACKSON	WF4Q	147.210 +	T107.2 ©
JACKSON	WB0TMC	147.270 +	
JAMESTOWN	K4NLP	147.090 +	T100.0 ©
JASPER	KD4XV	145.190 -	T127.3 ©
JOHNSON CITY	W4ABR	146.790 -	©
JOHNSON CITY	KE4FH	147.270 +	
JOHNSON CITY/HOL	WB4SQC	145.290 -	©
JONESBOROUGH	WD4OBW	146.925 -	©
KNGSPT/BAYS MT	W4TRC	146.970 -	©
KNOXVILLE	WB4GBI	145.170 -	©
KNOXVILLE	WA4TEM	145.330 -	©
KNOXVILLE	WB4YLC	145.430 -	©
KNOXVILLE	WB4GBI	145.470 -	©
KNOXVILLE	WB4GBI	146.625 -	T100.0 ©
KNOXVILLE	KC4ROG	146.910 -	T
KNOXVILLE	WB4GBI	146.940 -	©
KNOXVILLE	WB4GBI	147.075 +	©
KNOXVILLE	KD4CWB	147.195 +	PROP
KNOXVILLE/RACK	W4BBB	145.210 -	T100.0 ©
KNOXVILLE/RACK	W4BBB	147.300 +	T100.0 ©
KNXVL/ENG MT	WB4IOB	146.730 -	©
LAFAYETTE	KC4ECD	145.310 -	T151.4 ©
LAFOLLETTE/WMT	K4BGW	146.670 -	
LAVERNE	W4CAT	145.230 -	
LAWRENCEBURG	KM4ME	146.655 -	T
LEBANON	W4LYR	147.105 +	T100.0 ©
#LEWISBURG	WB4VXX	146.805 -	UNCOR ©
LIVINGSTON	N2UP	147.045 +	©
MANCHESTER	W4UOT	146.700 -	T114.8 ©
MARTIN	N4ABU	146.625 -	
MARYVILLE/ALCOA	W4OLB	146.655 -	©
MCMINNVILLE	WD4MWQ	146.970 -	
MCNAIRY	KF4SCT	147.075 +	T107.2 ©
MEDINA	WA4RWK	146.970 -	
MEMPHIS	KF4SCT	145.130 -	T107.2 ©
MEMPHIS	K0JXI	145.150 -	
MEMPHIS	W2GLJ	145.210 -	©
MEMPHIS	K5FE	145.410 -	T107.2 ©
MEMPHIS	WA4KOG	145.450 -	
MEMPHIS	WB4KQQ	146.640 -	
MEMPHIS	WA4HBY	146.790 -	T ©
MEMPHIS	W4BS	146.820 -	T
MEMPHIS	WA4KOG	146.850 -	
MEMPHIS	KA4KVW	146.880 -	
MEMPHIS	N4BSM	146.940 -	T107.2 ©
MEMPHIS	W4ZJM	147.000 +	T*#
MEMPHIS	W4EM	147.030 +	©
MEMPHIS	WA4MQQ	147.060 +	
MEMPHIS	W4GMM	147.090 +	T107.2 ©
MEMPHIS	WA4KOG	147.180 +	
MEMPHIS	WA4ADT	147.300 +	©
MEMPHIS	W4BS	147.360 +	T107.2
MONTEAGLE	NO4Y	145.410 -	T114.8 ©
MORGAN COUNTY	WD4ORB	147.330 +	T82.5
MORRISTOWN	KQ4E	145.450 -	
MORRISTOWN	KQ4E	147.030 +	
#MORRISTOWN	KQ4E	147.390 +	UNCOR
MOUNTAIN CITY	KF4RBR	145.470 -	©
#MT PLEASANT	KF4GHD	145.450 -	UNCOR ©
#MURFREESBORO	N4ARK	147.315 +	UNCOR ©
NASHVILLE	N4ARK	52.525 +	©
NASHVILLE	N4ARK	145.210 -	©
NASHVILLE	WR3S	145.370 -	©
NASHVILLE	N4ARK	145.470 -	©
NASHVILLE	WA4PCD	146.610 -	T
NASHVILLE	WA4PCD	146.760 -	T114.8
NASHVILLE	W4SQE	146.790 -	T ©
NASHVILLE	W4AY	146.850 -	T114.8 ©
NASHVILLE	WA4PCD	146.880 -	T
#NASHVILLE	NT4L	146.955 -	UNCOR
NASHVILLE	KC4PRD	146.985 -	©
NASHVILLE	KJ4ZQ	147.015 +	T
NASHVILLE	K4ZGA	147.180 +	T114.8
NASHVILLE	N4PYI	147.255 +	T110.9 ©
NASHVILLE WEST	WA4PCD	147.150 +	T114.8
NASHVILE/FAIRVIEW	N4ARK	145.110 -	©
NOLENSVILLE	WD4JYD	145.350 -	©
OAK RIDGE	W4SKH	146.880 -	
OAK RIDGE	W4SKH	146.970 -	
OAK RIDGE	K4EAJ	147.120 +	T82.5 ©
OAK RIDGE	K4EAJ	147.150 +	T82.5 ©
OAKFIELD	WA4BJY	147.390 +	T
PARIS	K4KLX	147.360 +	
PETROS/FRZ HD MT	KJ4SI	147.255 +	T94.8 ©
PIGEON FORGE	KD4CLA	145.270 -	T100.0 ©
PIKEVILLE	KF4JPT	147.285 +	©
PULASKI/MUSIC MT.	W4JVO	146.775 -	©
PURYEAR	WA4CEX	147.165 +	
RAMER	WB4MMI	146.700 -	T107.2
RCKWD/MT ROSVLT	AA4KS	147.015 +	©
RIPLEY	KE4NTL	145.230 -	T100.0 ©
ROGERSVILLE	KD4HZN	147.315 +	T114.8
SALTILLO	W4JUB	146.715 -	
SELMER	KB6BUL	146.805 -	T127.3
SPARTA/WHITE	KR4BT	147.165 +	T123.0 ©
TELLICO PLAINS	KT4EQ	147.315 +	T ©
UNION CITY	WA4YGM	146.700 -	
UNION CITY	KF5SCT	147.015 +	T107.2 ©
WATERTOWN	WA4KPA	146.730 -	T100.0
WATERTOWN	W4LYR	146.835 -	T100.0 ©
WAVERLY	KC4VHQ	147.225 +	©
WAVERLY	KC4VHQ	147.225 +	PROP
WINCHESTER	AB4SW	146.820 -	©

220 MHZ

BLOUNTVILLE	WA4CBX	224.200 -	©
BROWNSVILLE	KB4YTU	224.200 -	
CHATTANOOGA	K4VCM	224.780 -	
COLLIERVILLE	KB4YGI	224.400 -	
ERWIN	KB8FPK	224.180 -	PROP
GALLATIN	W4CAT	223.980 -	
GRAY	WD4SBX	224.900 -	
GREENBRIAR	WQ4E	224.800 -	
GREENBRIER	N8ITF	224.540 -	PROP
GREENBRIER	WQ4E	224.760 -	
GREENEVILLE	WB4NKM	224.940 -	
HERMITAGE	WB4SJV	223.900 -	
JC/BUFFALO MT	KE4FH	224.780 -	
KNOXVILLE	WB4GBI	224.340 -	PROP ©
KNOXVILLE	N4OQJ	224.380 -	T100.0 ©
KNOXVILLE	N4KFI	224.580 -	T103.5
KNOXVILLE	KF4PCK	224.760 -	PROP
KNOXVILLE/RACK	W4BBB	224.500 -	T100.0 ©
KNXVL/CROSS MT	KB4FZK	224.220 -	T100.0 ©
LAVERGNE	WR3S	224.360 -	
MEMPHIS	W4ZJM	223.940 -	T*#
MEMPHIS	W4BS	224.420 -	
MEMPHIS	WA4KOG	224.780 -	
MOORESBRG/SNED	KD4IBW	224.760 -	
MORRISTOWN	KC4RGQ	224.640 -	
NASHVILLE	WR3S	224.160 -	
#NASHVILLE	KC4TFQ	224.440 -	UNCOR
NASHVILLE	K4ZGA	224.480 -	
NASHVILLE	WR3S	224.660 -	
NASHVILLE	N4PYI	224.740 -	T100.0 ©
NASHVILLE	KC4PRD	224.840 -	©
NEWPORT	AC4JF	224.560 -	T100.0 ©
ONEIDA	KB4PNG	224.140 -	©
ROGERSVILLE	KD4HZN	224.480 -	PROP
SEVIERVILLE	KD4IBW	224.700 -	T100.0 ©
SEVIERVILLE	KD4IBW	224.800 -	©
#SHORT MTN	WR3S	223.960 -	UNCOR ©
SHORT MTN.	N4PYI	224.260 -	T114.8 ©
SMITHVILLE	WR3S	223.960 -	©
SPRINGFIELD	KO4BN	224.220 -	
SWEETWATER	WD9JGI	224.900 -	PROP

440 MHZ

ALAMO	WB4EDS	443.750 +	
ARNOLD A.F.B.	KC4FV	443.950 +	©
ATOKA	KE4ZBI	442.700 +	
BARTLETT	K4VVM	443.700 +	T107.2 ©
BARTLETT	WA4PAJ	444.250 +	
BETHPAGE	KD4YUX	442.200 +	T107.2 ©
BROWNSVILLE	KB4YTU	444.200 +	
BROWNSVILLE	KB4YTU	444.450 +	
BRSTL/HOLSTN MT	K4JP	444.500 +	
#CHATT/CLEVELAND	WD4OAR	442.925 +	UNCOR
CHATTANOOGA	WJ9J	442.150 +	
CHATTANOOGA	WB4LRD	443.550 +	
CHATTANOOGA	KD4HII	443.900 +	T
CHATTANOOGA	W4AM	444.100 +	
CHATTANOOGA	KD4HII	444.200 +	T
CLARKSVILLE	WA4BZU	444.325 +	T107.2
CLARKSVILLE	KF4GP	444.950 +	T167.9
CLEVELAND	WD4DES	442.250 +	T118.8 ©
CLEVELAND	KD4NEB	442.450 +	T88.5
CLEVELAND	W4GZX	444.275 +	©
COLLEGEDALE	KA6UHV	443.575 +	©
COLLIERVILLE	KA7UEC	443.625 +	T107.2 ©
COLUMBIA	WA4AKM	444.925 +	T107.2
COOKEVILLE	WA4UCE	442.300 +	PROP
COOKEVILLE	NO4Y	444.550 +	T107.2 ©
CROSSVILLE	W4EYJ	444.950 +	T107.2 ©
CUMBERLAND CITY	WD4DBJ	443.400 +	T
DAYTON	KN4VY	442.075 +	©
DEASON	WA4AWI	443.350 +	T107.2 ©
DOVER	N4VIH	444.925 +	T
DRESDEN	KA4BNI	442.150 +	107.2 ©
DRESDEN	KE4OVN	443.850 +	107.2 ©
ETOWAH	KF4CFO	442.275 +	PROP
EVA	AD4QG	443.625 +	
FRANKLIN	WA4AKM	444.725 +	T107.2
GALLATIN	N4SSB	442.600 +	T107.2 ©
GALLATIN	WD4BKY	444.000 +	T107.2 ©
GALLATIN	WD4BKY	444.350 +	T114.8 ©
GALLATIN	W4CAT	444.450 +	T107.2
GALLATIN	WA4AKM	444.775 +	T107.2
GATLBG/COVE MT	WA4KJH	443.300 +	T127.3
GEORGETOWN	WD4OAR	442.925 +	PROP
GRAY	WD4SBX	442.200 +	T100.0
GREENBRIER	WQ4E	444.250 +	
GREENEVILLE	WB4NKM	444.650 +	T100.0
GRNVLE/VIKING MT.	KB4UG	443.200 +	
HARRIMAN	KC4WHL	442.875 +	T136.5 ©
HARRIMAN	KC4WHL	444.025 +	©
HENDERSON	KE4PFW	442.275 +	
HENDERSON	K4TC	444.750 +	T ©
HUNTINGDON	KB4YTM	444.375 +	
JACKSON	KE4CES	442.900 +	T114.8 ©
JACKSON	WB0TMC	444.725 +	T107.2
JAMESTOWN	KC4MJN	443.625 +	T100.0
JASPER	KD4XV	442.050 +	T127.3 ©
JEFFERSON CITY	KD4TUD	444.625 +	T
JOHNSON CITY	KE4FH	444.100 +	
JOHNSON CITY/HOL	WB4SQC	442.050 +	T100.0 ©
KNOXVILL/ENG MTN	WB4HAP	444.600 +	©
KNOXVILLE	WB4HAP	442.500 +	T103.5 ©
KNOXVILLE	N4UAG	443.025 +	
KNOXVILLE	KA4AZQ	443.075 +	PROP
KNOXVILLE	KD4CWB	443.500 +	T
KNOXVILLE	KA4AZQ	443.800 +	T100.0
KNOXVILLE	KD4OBX	443.950 +	
KNOXVILLE	KD4CWB	444.000 +	PROP
KNOXVILLE	KC4NNN	444.175 +	T
KNOXVILLE	WB4GBI	444.300 +	©
KNOXVILLE	KB4KSL	444.325 +	PROP
KNOXVILLE	KC4NNN	444.425 +	T
KNOXVILLE	KB4KSL	444.500 +	
KNOXVILLE	KD4IBW	444.525 +	T100.0 ©
KNOXVILLE	KB4CMB	444.925 +	PROP
KNOXVILLE/RACK	W4BBB	444.575 +	T100.0 ©
LAFAYETTE	KC4ECD	444.125 +	T107.2 ©
LAFOLLETTE	KB4OTK	443.700 +	©
LAKE CITY	WD4LUR	442.800 +	T100.0 ©
LAVERGNE	WR3S	443.975 +	T
LEBANON	WA4AWI	443.275 +	T107.2 ©
LEBANON	W4LYR	443.575 +	T100.0 ©
LEBANON	WA4AXH	444.275 +	T ©
LEWISBURG	KF4TMP	442.100 +	PROP
MARYVILLE	KF4BTL	442.000 +	©
MARYVILLE	KC4PDQ	444.075 +	
MCEWEN	KE4KNZ	443.925 +	T
MCKENZIE	KD4KPV	443.875 +	
MCMINNVILLE	WD4MWQ	444.850 +	T
MCNAIRY	KF4SCT	444.550 +	T107.2 ©
MEDINA	WA4BJY	442.050 +	
MEMPHIS	WB4EPG	442.625 +	
MEMPHIS	WF4G	442.825 +	
MEMPHIS	W4ZJM	443.000 +	T*#
MEMPHIS	KA4JXT	443.100 +	T107.2 ©
MEMPHIS	W4BS	443.200 +	T107.2
MEMPHIS	WA4QWW	443.400 +	
MEMPHIS	N4ER	443.950 +	T
MEMPHIS	WA4ETE	444.000 +	T107.2 ©
MEMPHIS	K4RDK	444.025 +	
MEMPHIS	KF4ATY	444.075 +	©
MEMPHIS	KA4JXT	444.100 +	T ©
MEMPHIS	KA4JXT	444.125 +	T ©
MEMPHIS	W2GLJ	444.175 +	©
MEMPHIS	WA4KOG	444.400 +	
MEMPHIS	K0JXI	444.800 +	
MEMPHIS	K5FE	444.825 +	107.2 ©
MEMPHIS	K7AG	444.850 +	T107.2
MEMPHIS	WB4NNE	444.950 +	
MILAN	WD4PAX	442.100 +	©
MORRISTOWN	KQ4E	444.975 +	T
MT JULIET	N4PYI	444.400 +	T ©
MT JULIET	N4PYI	444.750 +	PROP ©
MT PLEASANT	KF4TMP	443.175 +	PROP
#NASHVILLE	WB4PUB	443.050 +	UNCOR
NASHVILLE	N4PYI	444.050 +	T107.2 ©
NASHVILLE	N4ARK	444.200 +	T ©
NASHVILLE	N4ARK	444.225 +	T107.2 ©
NASHVILLE	WA4BZU	444.300 +	T107.2
NASHVILLE	WA4BGK	444.525 +	T107.2 ©
#NASHVILLE	WA4PCD	444.550 +	UNCOR
NASHVILLE	WA4WCK	444.575 +	T
NASHVILLE	N4TK	444.625 +	T107.2 ©
NASHVILLE	WA4PCD	444.675 +	T
NASHVILLE	N4PYI	444.800 +	T110.9 ©
NASHVILLE	WA4AKM	444.875 +	T107.2
NASHVILLE	WA4AKM	444.975 +	T107.2
NEW DEAL	N4SSB	442.900 +	PROP ©
NOLENSVILLE	WA4AXH	443.650 +	T ©
OAK RIDGE	K4EAJ	444.400 +	T82.5 ©
OAKFIELD	WA4BJY	442.200 +	T
OLD HICKORY	KB5YJC	443.725 +	PROP
ONEIDA	KT4PN	442.825 +	
PARIS	AD4LR	443.675 +	
PIGEON FORGE	KD4CLA	444.350 +	T156.7 ©

SYMBOLS: © = Full Member SERA T = Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

TENNESSEE REPEATERS CONTINUE

PROSPECT	WA4AUX	444.600 +	T118.8	
RAMER	WB4MMI	444.900 +	T	
RCKWOOD/OZONE	WJ9J	442.225 +		
ROCKWOOD	KA4WJS	443.975 +		
ROGERSVILLE	K4GX	443.350 +	T	◎
SEVIERVILLE	KD4IBW	443.675 +	T100.0	◎
SEVIERVILLE	N4CKB	444.725 +	T123.0	◎
SHELBYVILLE	WA4PZN	442.700 +	T	
SHELBYVILLE	KC4KRM	443.825 +		
SHRT MT/MURFREB	W4CAT	444.650 +	T107.2	
SMITHVILLE	N4PYI	444.825 +	T107.2	◎
SODDY DAISY	WJ9J	444.450 +		
SPENCER	KA4MHJ	443.775 +	T123.0	◎
SUMMITVILLE	N4ZKR	444.475 +	T107.2	◎
WATERTOWN	W4LYR	444.900 +	T100.0	◎
WAVERLY	KC4VHQ	442.225 +	PROP	
WHITE HOUSE	WA4KOC	443.900 +	PROP	

920 MHZ

MORRISTOWN	KQ4E	920.800 -	

1270 MHZ

MEMPHIS	N4HKS	1292.000-	◎
NASHVILLE	WA4AKM	1284.400-	
SMITHVILLE	WA4AKM	1286.500-	

ATV REPEATERS

JOHNSON CITY/BUF	KD4JGV	421.250 +	◎
NASHVILLE	K4ZGA	923.250 -	

VIRGINIA

BEACONS

HIGH KNOB	WD4GSM	432.075 -	
HIGH KNOB	WD4GSM	222.055 -	
HIGH KNOB	WD4GSM	1296.075-	
HIGH KNOB	WD4GSM	144.054 -	

10 METERS

FANCY GAP	KE4QOX	29.660 -	PROP	
NEWPORT NEWS	W4CM	29.600 +		
STERLINGPARK	KD4DN	29.680 -		

6 METERS

ALEXANDRIA	WA4CCF	53.130 -		
AMELIA	WB3R	53.390 -		◎
AMELIA COURTHSE	KB4YKV	53.110 -		◎
BEDFORD/THAX MT	N4CH	53.150 -		◎
BULLRUNMTN	WD8ISK	53.450 -		
CHESTERFIELD	KD4SUU	53.430 -		◎
DANVILLE(DCC)	WB4GJG	53.130 -	T	
GATE CITY	N4WWB	53.210 -		
GUM SPRING	KB4MIC	53.070 -		◎
HAMPTON	WA4OHX	53.890 -		
LEXNGTN/ROCK MT.	KI4ZR	53.010 -		◎
LYNCHBURG	KE4KEH	53.570 -		◎
NEWPORT NEWS	KT4QW	53.250 -	T100.0	◎
PEARISBURG	KE4JYN	53.470 -	T107.2	◎
RICE	KE4SFU	53.170 -		◎
ROANOKE	N4CH	53.250 -		◎
ROANOK/POOR MT.	WB8BON	53.090 -		◎
TYSONSCORNER	KM4OI	53.370 -		
VESTA	N4GBO	53.430 -	PROP	
WHITE TOP MTN	KB4YFV	53.650 -		◎

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610 -		
ABINGDON	NM4L	147.345 +	103.5	◎
ACCOMAC	K4BW	147.255 +	T156.7	◎
ALEXANDRIA	K4US	146.655 -		
ALEXANDRIA	WA9GVK	443.750 -		
ALEXANDRIA	WA9GVK	443.750 -		
ALEXANDRIA	W4HFH	147.315 +		
ALEXANDRIA	W4HFH	444.600 -		
ALEXANDRIA	W4HFH	147.315 +		
ALTAVISTA	WA4ISI	146.655 -		◎
AMELIA	WB3R	145.190 -	PROP	◎
AMELIA COURTHSE	KB4YKV	147.180 +		◎
ARLINGTON	WB4MJF	145.470 -		
ARLINGTON	WA4YVM	147.045 +		
BEDFORD	N4CH	145.230 -		◎
BEDFORD/APL ORC.	WA1ZMS	146.685 -	T100.0	◎
BLACKSBURG	W9KIC	146.715 -		◎
BLAND	N4AZJ	145.350 -	T103.5	◎
BLUEFIELD	KD8XK	145.250 -	T100.0	
BLUEFIELD	W8MOP	145.490 -		◎
BLUEFIELD/ONEIDA.	WZ8E	146.955 -		
BLUEMONT	WA4TSC	147.300 +		
BLUEMONT	WA4TSC	147.300 +		
BOYDTON	KD4ZTK	147.240 +		
CHARLOTTESVILLE	WA4TFZ	146.760 -	T88.5	◎
CHARLOTTESVILLE	N4RAG	146.895 -	T131.8	
CHARLOTTESVILLE	WA4TFZ	146.925 -		◎
CHESAPEAKE	WA4YSE	146.610 -		◎
CHESAPEAKE	N4SD	146.790 -		◎
CHESTERFIELD	KD4KWP	145.310 -	127.3	◎
CHESTERFIELD	KA4CBB	147.360 +		◎
CLAYPOOL HILL	KF4EII	146.805 +	PROP	
CLINCHCO	KB4RFN	147.150 +	T88.5	
COEBURN	AD4OV	145.430 -	103.5	
COVINGTON	WA4HTI	146.805 -		◎
CULPEPPER	AF4CY	145.410 -		
DANVILLE(DCC)	WB4GJG	146.925 -	T104.2	
DANVILLE/WHT OAK	K4AU	146.700 -	107.2	◎
DUBLIN	K4HZS	146.670 -		◎
EASTVILLE	N4WAO	147.345 +	T156.7	◎
ELK CRK/IRON MTN.	N4MGQ	147.240 +	T107.2	◎
ENON	WB4VWR	147.060 +	T107.2	
FAIRFAX	W4YHD	224.100 -		
FAIRFAX	K4KXK	146.790 -		
FAIRFAX	K4KXK	146.790 -		
FAIRFAX	W4YHD	224.100 -		
FARMVILLE	KE4ZBH	145.330 -		
FARMVILLE	N4RKM	146.910 -		
FINCASTLE	W4WIC	146.640 -		◎
FOREST	W8CXD	147.165 +	T114.8	◎
FRANKLIN	K4SPS	147.300 +	T131.8	◎
FREDERICKSBUR	WB4LNT	147.015 +		
FREDERICKSBUR	WB4LNT	147.015 +		
FREDERICKSBUR	WB4LNT	147.015 +		
GALAX/BRIRP MT	W4BRC	147.090 +		◎
GALAX/LKOUT MT	N4VL	145.130 -	T103.5	◎
GARRISONVILLE	N4NW	145.270 -		
GARRISONVILLE	N4NW	145.270 -		
GATE CITY	N4WWB	146.820 -	T	
GLOUCESTER	W4HZL	145.370 -	T100.0	◎
GOOCHLAND	N4TZE	147.090 +		
GREENBAY	K4ARO	145.150 -		◎
GRUNDY	K4HWQ	147.315 +		
GRUNDY/BIG A MT	KK4EH	146.835 -		◎
GUM SPRING	WB4IKL	147.270 +		◎
HAMPTON	WA4OHX	145.490 -		
HAMPTON	W4QR	146.730 -		◎
HAMPTON	K4UMI	146.940 -	T	
HAMPTON	KA4VXR	147.225 +	T136.5	◎
HARRISONBURG	N4RAG	147.225 +		
HARRISONBURG	N4RAG	147.225 +		
KILMARNOCK	W2MS	145.210 -		
KINGSCROSSING	N5GQD	147.150 +		
LEXINGTON	KI4ZR	147.300 +		◎
LEXNGTN/ROCK MT.	KI4ZR	147.330 +		◎
LYNCHBURG	KC4RBA	145.370 -		
LYNCHBURG	W4WWQ	146.610 -		◎
LYNCHBURG	AB4M	147.015 -	T131.8	◎
LYNCHBURG	WA4RTS	147.195 +	T136.5	◎
MARION	N4QLF	146.640 -	T103.5	◎
MARTINSVILLE	KF4KVG	147.285 +	T107.2	◎
MCLEAN	W4CIA	147.210 +		
MCLEAN	W4CIA	147.210 +		
MECHANICSVILLE	W4ML	146.805 -	PROP	
MONTEREY	WD4ITN	147.180 +	T100.0	◎
MONTPELIER	KQ4RH	145.250 -	PROP	◎
MOUNTAIN LAKE	WZ8E	146.865 +		
MT.LAKE/BALD KNB.	K4TUE	146.910 -		◎
NEWMARKET	KE4FM	146.625 -		
NEWMARKET	KE4FM	146.625 -		
NEWPORT NEWS	W4MT	145.230 -	T100.0	◎
NEWPORT NEWS	W4CM	147.165 +		
NORFOLK	W4VB	145.330 -		◎
NORFOLK	KF8PT	146.700 -	PROP	
NORFOLK	AD4ZK	147.075 +		
NORTON	KC4UBU	146.865 -	T103.5	
NORTON/HIGH KNOB		K4AXO	147.015	-
T88.5				
PATRICK SPRINGS	WB8POC	147.120 +	T107.2	◎
PEARISBURG	N4AZJ	147.135 +	T100.0	◎
PENNINGTON GAP	KK4QS	146.700 -		◎
PETERSBURG	K4ARO	147.390 +		◎
PKS KB/PULASKI	WB3S	147.180 +	T103.5	◎
PORTSMOUTH	W4POX	146.850 -	100.0	◎
POUND	KC4UBU	145.210 -	T103.5	
RADFORD/RINER	KA4IXK	145.150 -		
#RICHLANDS	KM4FY	147.150 +	UNCOR	
RICHMOND	K4YPE	145.110 -		◎
RICHMOND	W4SQT	145.430 -		◎
RICHMOND	WB4QEY	146.640 -		◎
RICHMOND	W4RAT	146.880 -		
RICHMOND	W4ZA	146.940 -		◎
RICHMOND	WA4JST	147.030 -		
RICHMOND	KC4VDZ	147.135 +	T107.2	
ROANOK/POOR MT.	K4ARO	145.390 -	T107.2	◎
ROANOK/POOR MT.	K4ROA	146.745 -	T107.2	◎
ROANOK/POOR MT.	W4CA	146.985 -		
ROANOK/POOR MT.	KB4QWO	147.270 +		
ROANOK/POOR MT.	WB4QOJ	145.210 -		
RUSTBURG	N4UTN	145.290 -	T	◎
RUSTBRG/LONG MT	N4UTN	146.835 -	T173.8	◎
SALEM	WA4V	146.880 -		
SALUDA	AA4HQ	145.450 -		◎
SMITHFIELD	KF4ADJ	147.195 +	T100.0	◎
SOUTH BOSTON	KF4LWH	145.350 -		
SOUTH BOSTON	KF4AGO	147.060 -		
SOUTH HILL	N4ZCM	145.470 -		
SPOTSYLVANIA	KF4MQF	146.775 -		
STAUNTON	KD4WWF	146.700 -	T131.8	◎
STAUNTON	WA4ZBP	146.850 -	T131.8	◎
STAUNTON	W4WRN	146.970 -		
STAUNTON/EL. KB	KE4CKJ	147.045 +	T131.8	
STERLING	WA4TXE	146.715 -		
STUARTS DRAFT	KB4OLM	147.360 +		
SUFFOLK	WA4HMT	147.000 -	T100.0	
TYSONSCORNER	KR4MU	146.910 -		
VIENNA	K4HTA	146.685 -		
VIRGINIA BEACH	WA4KXV	146.895 -		◎
VIRGINIA BEACH	WA4KXV	146.970 -		◎
VIRGINIA BEACH	WA4SBC	147.045 +		
VIRGINIA BEACH	W4NV	147.375 +		
WALKERTON	KA4DZU	146.715 -		
WARRENTON	NZ4N	147.165 +		
WARRENTON	NZ4N	147.165 +		
WARSAW	KA4ZIP	147.285 +		
WAYNESBORO	W4PNT	147.075 +		◎
WILLIAMSBURG	KF4ADM	145.410 -		
WILLIAMSBURG	W4NTG	146.670 -		
WILLIAMSBURG	KB4ZIN	146.760 -		◎
WINCHESTER	KB3BOI	145.350 -		
WINCHESTER	KB3BOI	145.350 -		
WOODBRIDGE	WB4FQR	147.240 +		
WOODBRIDGE	WB4FQR	147.240 +		
WYTHEVILLE	WB3T	146.775 -	T107.2	◎
WYTHVL/WALKR MT.	WB3T	146.895 -	T103.5	◎

220 MHZ

ALEXANDRIA	WA4CCF	53.130 +		
BEDFORD	N4PLV	224.840 -		
BEDFORD/APL ORC.	WA1ZMS	224.180 -	T100.0	◎
BLUEFIELD	N8LGA	224.920 -		
BUCK'S ELBOW	N4RAG	224.320 -	T131.8	
CHARLOTTESVILLE	KB4YQC	224.140 -	T88.5	
CHARLOTTESVILLE	WA4TFZ	224.760 -		
DELTAVILLE	AA4HQ	224.900 -		
FANCY GAP	K4DQ	224.880 -	PROP	
GLOUCESTER	W4GSF	224.620 -		
HAMPDEN-SYDNEY	W4JAS	224.200 -		
HAMPTON	WB4PVT	224.540 -	T100.0	◎
HARRISONBURG	N4YET	224.820 -		
HARRISONBURG	N4YET	224.820 -		
HAYMARKET	WD4KHP	224.420 -		
HAYMARKET	WD4KHP	224.420 -		
HAYMARKET	WD4KHP	224.420 -		
JONESVILLE	WM4MD	224.520 -	PROP	
LAKE GASTON	WA4HMT	224.600 -		
LYNCHBURG	AB4M	224.280 -		◎
MARTINSVILLE	K4RCA	224.500 -		
NORFOLK	KC4JGC	224.740 -	T100.0	
NORTON/HIGH KNB.	WD4GSM	224.420 -		
PATRICK SPRINGS	KC4J	224.420 -	T103.5	
PEARISBURG	KQ4Q	224.860 -		◎◎
PETERSBURG	K4ARO	224.700 -		◎
RESTON	WD4KHP	224.720 -		
RESTON	WD4KHP	224.720 -		
RIDGEWAY	AA4QT	224.380 -	T	
ROANOKE	N4CH	224.100 -		
ROANOK/CAHAS MT	AB4EM	224.940 -		◎◎
ROANOKE/TINKER	K4YDG	224.900 -		
STAUNTON/EL KNB	KE4CKJ	224.300 -	T131.8	
STUART	WB4GUG	224.200 -	T107.2	
WAYNESBORO	KA4RCL	224.680 -	T131.8	◎◎
WOODBRIDGE	WB4GJZ	224.780 -		
WOODBRIDGE	WB4GJZ	224.780 -		

440 MHZ

ABINGDON	KB8KSP	442.975 +	T88.5	
ACCOMACK	K4BW	444.300 +	PROP	◎
ALEXANDRIA	WA9GVK	147.465 +		
ALEXANDRIA	WA9GVK	147.465 +		
ALEXANDRIA	WA9GVK	915.750 -		
ALEXANDRIA	W4HFH	444.600 +		
ALEXANDRIA	W4HFH	444.600 +		
ALTAVISTA	WA4ISI	444.425 +		◎
AMELIA	KB4YKV	443.200 +	PROP	
ARLINGTON	KD4DSX	448.625 -		
ARLINGTON	KD4DSX	448.625 -		
ARLINGTON	K4AF	444.550 +		
BEDFORD	N4CH	444.350 +		
BEDFORD/APL ORC.	WA1ZMS	442.650 +	T100.0	◎◎
BEDFORD/APL ORC.	WA1ZMS	443.800 +	T100.0	◎◎
BERRYVILLE	WB2KPH	447.475 -		
BIG "A" MTN	KB4WTP	444.875 +		
BLUEFIELD	WZ8E	443.625 +		
BLUEFIELD	WB3T	443.775 +	PROP	
BLUEFIELD	W8MOP	444.450 +		◎
BLUEFIELD	WZ8E	444.625 +		
BLUEMONT	WA4TSC	449.925 -		
BLUEMONT	WA4TSC	449.925 -		
CHARLOTTESVILLE	WA4TFZ	444.250 +	151.5	◎
CHESAPEAKE	N4EVG	443.900 +		
CHESTERFIELD	WA3KOK	433.075 +	PROP	
CHESTERFIELD	KD4SUU	442.150 +		
CHESTERFIELD	WA3KOK	442.450 +	PROP	
COVINGTON	WA4HTI	442.250 +		◎◎
DALECITY	N8BOR	443.100 +		
DANVILLE	KQ4RX	443.850 +		◎◎
DANVILLE/WHT OAK	K4AU	444.700 +		
ENON	WB4VWR	444.200 +		
ENON	KE4RTQ	444.275 +	T114.8	
FAIRFAX	K4HTA	448.375 -		
FAIRFAX	K4HTA	448.375 -		
FALLSCHURCH	KF4LWJ	444.300 +		
FALLSCHURCH	KF4LWJ	444.300 +		
FANCY GAP	N4OWU	444.375 +	T107.2	◎◎
FANCY GAP	N4XRY	444.900 +		◎◎
FOREST	W8CXD	443.600 +	T136.5	◎◎
FOREST	WD4KQI	444.750 +		◎◎
FRONTROYAL	N4MKH	449.225 -		
GASBURG	WA4HMT	442.000 +		
GATE CITY	N4WWB	444.700 +		
GOODVIEW	K4YD	443.675 +	PROP	
GRETNA/SMITH MT.	KD4TBC	444.075 +	T67.0	
GUM SPRING	KB4MIC	442.800 +		
HAMPTON	K4UMI	443.650 +		
HAMPTON	WA4OHX	443.750 +	100.0	
HAMPTON	W4QR	444.550 +	T167.9	◎
HAYMARKET	KT4ER	448.325 -		
HAYMARKET	KT4ER	448.325 -		
HILLSVILLE	KB4YFV	442.125 +	T103.5	◎◎
JONESVILLE	WB4IVB	442.575 +	T100.0	◎◎
LEXINGTON	KI4ZR	444.300 +		◎

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

VIRGINIA REPEATERS CONTINUE

LEXNGTN/ROCK MT.	KI4ZR	444.150 +	
LORTON	WA3TOL	448.675 -	
LORTON	WA3TOL	448.675 -	
LORTON	WD4KHP	449.725 -	
LYNCHBG/JACK MT.	KF4YI	442.400 + T107.2	
LYNCHBRG/TOB MT	K4HEX	444.500 + T136.5	
LYNCHBURG	AD4ZK	442.950 + T	
LYNCHBURG	KC4RBA	443.450 +	
LYNCHBURG	WA4RTS	444.550 + T136.5	
LYNCHBURG/T.ROW	N4IFC	442.200 + T103.5	
MADISON	N8HON	444.400 +	
MANASSAS	W4OVH	442.200 +	
MANASSAS	W4OVH	442.200 +	
NEWPORT NEWS	W4MT	442.900 + T100.0	
NORFOLK	AD4ZK	444.475 + T	
NORFOLK	WD4MIZ	444.675 + T107.2	
OILVILLE	KB4MIC	444.800 +	
PATRICK SPRINGS	KC4J	443.175 +	
PEARISBURG	N4AZJ	444.975 + T103.5	
PETERSBURG	K4ARO	442.600 +	
PETERSBURG	WB4KZI	443.825 +	
PORTSMOUTH	W4POX	443.800 +	
POWHATAN	KN4YM	443.100 +	
PULASKI	KE4CIF	442.775 + T	
RICHMND/CHLTVL	N4EHJ	444.650 +	
RICHMOND	KC4VDZ	442.300 + T114.8	
RICHMOND	W4RAT	442.550 + T127.3	
RICHMOND	AB4SF	444.850 + T	
ROANOKE	K4ARO	442.600 + T	
ROANOKE	WB3T	444.325 + T103.5	
ROANOKE/MILL MT	WD4KZK	442.750 + T107.2	
ROANOK/POOR MT	W4CA	442.500 +	
ROANOK/POOR MT	KA4IXK	442.850 +	
ROANOK/POOR MT.	W7CP	442.700 +	
ROANOK/READ MT	WD4KZK	444.850 + T107.2	
ROANOK/TINKER M.	WB8BON	444.925 +	
SMITHFIELD	KF4PGC	443.550 + T100.0	
SOUTH BOSTON	KF4AGO	443.925 +	
SOUTH BOSTON	KF4LWH	444.625 +	
SOUTH HILL	KD4MJO	443.525 + 100.0	
SPOTSYLVANIA	KD4QNA	442.700 +	
SPOTSYLVANIA	KD4QNA	442.700 +	
SPOTSYLVANIA	KF4MQF	442.850 +	
SPOTSYLVANIA	KF4MQF	442.850 +	
SPOTSYLVANIA	KF4MQF	442.850 +	
SPRINGFIELD	WD4KHP	449.825 -	
STAFFORD	N4NW	444.450 +	
STAFFORD	N4NW	444.450 +	
STAUNTON	WA4ZBP	444.825 + T131.8	
STAUNTON	W4WRN	444.950 +	
STAUNTON/EL KNB	KE4CKJ	444.100 + T131.8	
STERLING	WA4TXE	442.100 +	
STERLING	WA4TXE	442.100 +	
STUART	WB4GUG	442.225 + T107.2	
STUARTS DRAFT	KB4OLM	444.050 +	
TYSONSCORNER	KR4MU	447.025 -	
TYSONSCORNER	KM4FI	443.500 +	
TYSONSCORNER	KM4FI	443.500 +	
VIRGINIA BEACH	WA4KXV	444.950 +	
WHITETOP MTN	KM4X	443.000 + T103.5	
WILLIAMSBURG	KB4ZIN	444.100 +	
WILLIS	W4DUM	443.875 +	
WOODBRIDGE	WB4FQR	444.900 +	
WYTHE/WALKR MT	WB3T	442.000 + T103.5	
WYTHEVILLE	WB3T	442.525 + 103.5	

920 MHZ

BEDFORD/APL ORC.	WA1ZMS	921.100 - T100.0	
LYNCHBRG/TOB MT	K4HEX	921.000 - T100.0	
LYNCHBURG	K2AD	921.200 - T100.0	
ROANOK/POOR MT	WD4KZK	919.500 - 107.2	
TYSONSCORNER	K6LEW	919.500 -	

1270 MHZ

ALEXANDRIA	WA4CCF	1282.600-	
BEDFORD/APL ORC.	WA1ZMS	1283.100- T100.0	
MCLEAN	K6LEW	1292.100-	
ROANOK/POOR MT.	N4CH	1291.020-	

ATV REPEATERS

GLOUCESTER	N4XND	421.250 +	
LYNCHBURG	K4HEX	923.250 -	
ROANOKE/POOR MT.	N4FHL	439.250 -	
WAYNESBORO	N3XA	426.250 +	

2.4GHz

BEDFORD/APL ORC.	WA1ZMS	2411.600 +	

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620 -	
CHARLESTON	WB8CQV	29.640 -	
RICHWOOD	WA8YWO	29.660 - T100.0	

6 METERS

BECKLEY	WB8YST	53.590 - T107.2	
CHARLESTON	WB8YST	53.630 - T107.2	
FLATWOODS	N8CQQ	53.110 - PROP	
GASSAWAY	K8WGB	53.210 - T123.0	
LOGAN	KE4QOX	53.170 - T	
RICHWOOD	WB8YST	53.710 - T107.2	
SHIRLEY	KB8TJH	53.310 -	

2 METERS

AMBER RIDGE	KB8NJH	147.210 + T107.2	
BECKLEY	N8FWL	147.360 + T123.0	
BECKLEY/BOLT	WV8B	145.170 - T100.0	
BECKLEY/EOC	N8TNB	145.370 -	
BECKLEY/LAYLAND	N8FCJ	145.310 - T100.0	
BECKLEY/OAK HILL	N8FWL	145.230 - T100.0	
BIRCH RIVER	N8FMD	145.270 - T103.5	
BRIDGEPORT	WB8DKM	147.120 + T	
BUCKHANNON	N8FHE	145.410 -	
BUCKHANNON	N8ZAR	146.850 -	
BUCKHANNON	N8ZAR	147.060 + T123.0	
CHARLESTON	W8GK	145.350 - 91.5	
CHARLESTON	WB8IFS	146.820 -	
CLARKSBURG	N8FMD	146.685 - T103.5	
CLARKSBURG	N8FMD	147.210 + T103.5	
DANVILLE	WB8NAM	146.685 - T	
DAVIS	KE8MR	147.135 + T103.5	
ELKINS	KB8BWZ	146.775 -	
FAIRMONT	W8SP	145.350 - T103.5	
FENWICK	KD8AB	146.940 -	
FLAT TOP/WINTRPL	WV8B	146.625 - T100.0	
FLATWOODS	N8ZPX	146.655 - T123.0	
FRANKLIN	W3RUA	147.345 +	
FROST	N8RV	145.110 -	
GASSAWAY	WB8MZI	146.610 -	
GRAFTON	WD8LNB	147.375 +	
GRANTSVILLE	N8LGY	145.450 - T103.5	
HARISVL/PENSBRO	WB8NSL	147.300 +	
HINTON	KC8CNL	147.255 + 100.0	
HUNTINGTON	WB8FEQ	145.210 -	
HUNTINGTON	W8IA	146.760 -	
HUNTINGTON/CHAS	WB8EZR	146.640 -	
IAEGER	N8SNW	146.655 -	
KEYSER	N8RCG	147.390 + T123.0	
LEWISBURG	WB8SPW	146.730 - T100.0	
LEWISBURG	WV8D	147.390 + T100.0	
LIBERTY	WV8AR	145.410 - T123.0	
LOGAN SOUTH	NV8H	147.195 + 100.0	
LOGAN/SUMERCO	NU8K	147.345 +	
LOGAN/WRD RK MT	KJ8E	146.970 -	
MADISON	WB8NAM	147.120 + T	
MCMECHEN	N8BQ	146.910 -	
MIDDLEBOURNE	KC8GXI	147.360 + T110.9	
MORGANTOWN	W8CUL	146.760 -	
MORGANTOWN	KE8MR	147.075 + T103.5	
MULLENS	KC8IT	147.030 +	
NEW MARTINSVILE	KF8LL	146.985 -	
OAK HILL	NM8T	146.790 -	
PARKERSBURG	WV8G	145.490 -	
PARKERSBURG	WA8LLM	147.255 +	
PARKERSBURG	WD8CYV	147.390 + T141.3	
PARKERSBURG (OH)	WF8U	146.745 -	
PARKERSBURG (OH)	N8NBL	146.970 -	
PARSONS	K8VNQ	145.370 - T118.8	
PHILIPPI	K8VE	145.150 - 103.5	
PINEVILLE	W8LG	147.285 +	
PRINCETON	KA8PNC	147.060 -	
PRINCETON	WB8NRK	147.225 + T114.8	
PRINCETON/PIPEST	WD8OGY	146.925 -	
RAVENSWOOD	WD8JNU	146.670 -	
RICHWOOD	WB8YJJ	145.190 - T	
RICHWOOD	AA8TH	147.015 + T	
RICHWOOD	WA8YWO	147.150 + T100.0	
SALT ROCK	K8SA	145.110 - T110.9	
SCOTT DEPOT	WV8AR	147.270 + T123.0	
SHERRARD	KD8GL	146.715 -	
SHIRLEY	KB8TJH	145.310 - T	
SMITHERS	NM8T	147.075 -	
SO. CHARLESTON	WB8CQV	146.880 -	
SPRUCE KNOB	N8HON	147.285 +	
ST ALBANS	K8WMX	147.000 -	
SUMMERSVILLE	W8FG	145.470 - 100.0	
TERRA ALTA	KD8ZR	147.000 +	
UNION	W8IFL	145.410 -	
WEIRTON	W8CWO	146.940 -	
WELCH	WB8SXZ	145.450 -	
WESTON	WD8EOM	145.390 -	
WESTON	WC8K	147.165 +	
WHEELING	KA8YEZ	145.190 -	
WHEELING	W8ZQ	146.760 -	
WILLIAMSON	WR8M	145.330 -	

220 MHZ

BECKLEY	N8FWL	224.240 - T123.0	
CHARLESTON	WB8YST	224.360 - T107.2	
FLAT TOP/WINTRPL	WV8B	224.120 -	
WILLIAMSON	WR8M	224.140 -	

440 MHZ

BECKLEY	N8FWL	443.475 + T123.0	
BECKLEY	N8LVE	444.125 + T	
BECKLEY/BOLT	W8LG	443.225 +	
BECKLEY/OAK HILL	WV8B	444.800 +	
BECKLY/OAK HILL	KE4QOX	443.100 + 107.2	
BELINGTON	N8SCS	444.900 + 71.9	
BUCKHANNON	N8ZAR	444.250 +	
CHARLESTON	WV8AR	444.225 + T123.0	
CHARLESTON	WB8YST	444.350 + T107.2	
CLARKSBURG	N8FMD	444.175 + T103.5	
FAIRMONT	W8SP	443.875 +	
FLATTOP/EGERIA	W8ARA	444.400 + 100.0	
FLATWOODS	N8ZVK	444.200 +	
GASSAWAY	K8WGB	444.675 + T123.0	
HUNTINGTON	WB8EZR	443.000 +	
HUNTINGTON	KB8TGK	443.850 + T88.5	
HUNTINGTON/CHAS	AA8MR	444.850 +	
HURRICANE	K8OJC	444.075 +	
HURRICANE	W8HYX	444.500 + PROP	
KEYSER	N8RCG	444.125 + 103.5	
LEWISBURG	KF8FQ	444.725 + T103.0	
LOGAN	KE4QOX	444.900 + T	
MORGANTOWN	W8CUL	444.800 +	
MULLENS	KC8IT	444.000 +	
OAK HILL	NM8T	443.300 +	
OAK HILL	KA8OTX	443.800 +	
PENNSBORO	WB8NSL	442.850 + PROP	
PRINCETON	KB8UJG	443.700 + T123.0	
RIPLEY	KC8AOF	444.150 + PROP	
SHIRLEY	KB8TJH	444.425 + T	
SO. CHARLESTON	WB8CQV	444.950 +	
ST. ALBANS	K8MHR	443.150 +	
WELCH	N8SNY	443.725 +	
WESTON	N8FIP	443.975 +	
WESTON	WC8K	444.600 +	
WHEELING	KA8YEZ	443.025 + T77.0HZ	

ATV REPEATERS

HUNTINGTON	WA4GSS	421.250 +	
WHEELING	KB8QHO	421.250 +	

Limited FULL MEMBERS FROM NON-SERA STATES

6 METERS

CONCORD, NH	KA1OKQ	53.590 - 71.9	

2 METERS

ANGOLA, IN	WB9AEI	147.105 + T	
ANGOLA, IN	WB9AEI	147.180 + T131.8	
CONCORD, NH	KA1OKQ	147.225 + T100.0	
DELAND, FL	K4DWF	147.045 + T103.5	
HARRISONBURG, VA.	N4RAG	147.225 + T131.8	
LOGANSPORT, IN	W9VMW	145.230 -	
LOGANSPORT, IN	W9VMW	147.180 + T77.0	
PLYMOUTH, IN	WA9INM	147.285 + T131.8	
WINCHESTER, VA	N4RAG	145.210 - T131.8	
WINCHESTER, VA	W4RKC	146.820 -	

220 MHZ

ALBANY, NY	K2AD	224.140 -	
CONCORD, NH	KA1OKQ	224.800 - T103.5	

440 MHZ

ALBANY, NY	K2AD	444.000 +	
ANGOLA, IN	WB9AEI	444.900 + T100.0	
CONCORD, NH	KA1OKQ	448.775 - T82.5	
DALLAS, TX	KF5TU	442.350 + T100.0	
EVANSVILLE, IN	AA9MM	443.400 +	
LOGANSPORT, IN	W9VMW	443.650 +	
MADISON, VA	N8HON	444.400 +	
MT EQUINOX, VT	K1DF	444.050 +	
PEMBROKE, NH	KA1OKQ	444.150 +	
PETERBORO, NH	KA1OKQ	443.350 + T110.9	

920 MHZ

ALBANY, NY	K2AD	921.000 -	
MT. BEACON, NY	K1DF	921.200 -	

REPEATER LIST STATUS UNKNOWN

UNKNOWN REPEATER LISTS

The following list of repeaters are classified as "Unknown." By unknown, we mean that these listing have been purged from our main listing because we do not officially know if the repeaters indicated actually exist.

The SERA records department mails out datasheets for updates each year to all known repeaters and listings in the 8-state area. These "unknowns" have not been heard from in any form for a period of 3 or more years.

Various attempts to contact the persons responsible for the listings, in some cases have been unsuccessful. Other cases, owners refuse to cooperate. Any of the "Unknown" listings owners or trustees may get their listing removed from this "Unknown" area. Simply - contact our SERA Records department - ask for a datasheet. Upon receipt, fill it out completely and accurately, sign, and return it to SERA. The returned datasheet will then be passed to the individual Director of the State the listing is from, who will take steps to have the listing re-instated in the main SERA Repeater Database of listings.

Some listings in this "unknown" area may possibly be in some phase of being "de-coordinated" by the District Coordinator (Director).

Please See Important Note about this list located at Bottom of Previous Page 30.

GEORGIA UNKNOWN LIST

CONYERS	AI8H	29.680 -	UNKN
CONYERS	WB4JEH	53.550 -	UNKN
#CONYERS	WB4JEH	51.550 +	UNKN
#HIGH HOUSE MTN	W4VWH	53.450 -	UNKN
AMERICUS	WD4EBB	147.270 +	UNKN
ATL/UNION CITY	WA4UPE	146.625 -	UNKN
ATLANTA	WA4NNO	147.000 -	UNKN
AUGUSTA	KK4HL	145.110 -	UNKN
BRNSWK/JEKYLL IS.	KB4PXX	145.410 -	UNKN
CLARKESVILLE	K4HCA	147.120 +	UNKN
COLUMBUS	KA4CEK	145.310 -	UNKN
COLUMBUS	W4CVY	146.880 -	UNKN
COMMERCE	KB4ZUN	147.225 +	UNKN
CONYERS	WB4JEH	145.230 -	UNKN
CONYERS	WB4JEH	146.610 -	UNKN
COOLIDGE	N4JBF	145.170 -	UNKN
DONALSONVILLE	KD4ORB	147.375 +	UNKN
#FORSYTH	W4STJ	147.915 -	UNKN
JESUP	WA4EQL	145.190 -	UNKN
JESUP	N4PJR	146.925 -	UNKN
JESUP/SCREVEN	N4PJR	147.345 +	UNKN
LAGRANGE	WB4BXO	147.330 +	UNKN
NEWNAN	K4SEX	145.130 -	UNKN
NEWNAN	K4SEX	146.790 -	UNKN
PINE MT/HAMILTON	WB4ULJ	145.190 -	UNKN
ST. MARYS	KA4UUB	146.985 -	UNKN
SWAINSBORO	K4VYX	146.790 -	UNKN
#THOMASVILLE	KD4POG	147.240 +	UNKN
VIDALIA	KE4ZZ	146.625 -	UNKN
ALPHARETTA	KC4JNN	224.860 -	UNKN
ATLANTA	N4BLR	224.280 -	UNKN
BALDWIN	WS4F	224.100 -	UNKN
BISKEY MTN	KC4JNN	224.160 -	UNKN
BRUNSWICK	N3GLC	224.180 -	UNKN
CLAYTON	KI4WR	224.720 -	UNKN
#CONYERS	WB4JEH	224.020 -	UNKN
CUMMING	K4JSR	224.980 -	UNKN
ROCKMART	KC4KLW	224.780 -	UNKN
TEMPLE	KU4PE	224.300 -	UNKN
THOMASVILLE	N4JBF	224.320 -	UNKN
ATLANTA	WA4CNG	442.100 +	UNKN
ATLANTA	KE4ZV	443.650 +	UNKN
ATLANTA	KD4LXT	443.875 +	UNKN
ATLANTA	WA4NNO	444.925 +	UNKN
BARNESVILLE	N4GWO	443.675 +	UNKN
#BISKEY MTN	KC4JNN	443.250 +	UNKN
BRUNSWICK	KD4CPO	443.425 +	UNKN
BYRON	KF4XH	443.150 +	UNKN
CLARKESVILLE	K4HCA	442.425 +	UNKN
CONYERS	WB4JEH	442.550 +	UNKN
CONYERS	N4EMM	442.750 +	UNKN
CONYERS	WB4JEH	444.550 +	UNKN
CONYERS	N4EMM	444.750 +	UNKN
DACULA	KK4IN	443.550 +	UNKN
DECATUR	WB4LBM	444.200 +	UNKN
DULUTH	N2NOG	442.300 +	UNKN
GRIFFIN	WB4DEB	443.900 +	UNKN
HAMILTON	WB4ULJ	444.400 +	UNKN
HAMPTON	WB4DEB	443.125 +	UNKN
HIGH HOUSE MTN	KD4APP	443.200 +	UNKN
JASPER	KB4MDE	443.425 +	UNKN
JESUP	N4PJR	444.925 +	UNKN
MARIETTA	KM4BA	443.600 +	UNKN
MARIETTA	KM4BA	443.700 +	UNKN
MARIETTA	KM4BA	444.325 +	UNKN
REX	KB4NPO	443.975 +	UNKN
ROCKMART	KC4KLW	443.275 +	UNKN
ROCKMART	KC4KLW	443.525 +	UNKN
ROSSVILLE	N4PLP	442.125 +	UNKN
SMYRNA	N4IBW	444.650 +	UNKN
ST MARYS	WA4DXS	444.900 +	UNKN
THOMASVILLE	KD4POG	443.250 +	UNKN
BRNSWK/JEKYLL IS.	KB4PXX	421.250 +	UNKN

KENTUCKY UNKNOWN LIST

LOUISVILLE	WB4LBR	52.025 +	UNKN
DRAKESBORO	KF4DKJ	146.820 -	UNKN
#GEORGETOWN	N4CO	147.675 -	UNKN
GREENVILLE	WA4TTC	146.745 -	UNKN
HARLAN	WA4ZAC	147.105 +	UNKN
#JONATHAN CREK	N4SEI	146.985 -	UNKN
#LITCHFIELD	KB4NFK	147.225 +	UNKN
#MARION	KA4FGA	147.285 +	UNKN
#NEBO	AA4NI	146.730 -	UNKN
#NICHOLASVILLE	WB4LBI	146.990 -	UNKN
OWENSBORO	KM4OF	146.865 -	UNKN
OWENSBORO	K4HY	147.210 +	UNKN
PRINCETON	W4KBL	146.670 -	UNKN
#PROVIDENCE	N4IUI	147.330 +	UNKN
PIKEVILLE	WB4F	224.580 -	UNKN
GLASGOW/CVCTY	KF4DC	444.250 +	UNKN
HAWESVILLE	KB4QFL	444.625 +	UNKN
LOUISVILLE	N4ORL	442.000 +	UNKN
LOUISVILLE	KB4RYM	442.500 +	UNKN
MARION	KR4PF	444.200 +	UNKN
NEBO	AA4NI	444.850 +	UNKN

MISSISSIPPI UNKNOWN LIST

ELLISVILLE	N5EKR	53.010 -	UNKN
AMORY	KB5DWX	146.940 -	UNKN
BILOXI	K5TYP	146.790 -	UNKN
CHATAWA	WB5GOJ	145.310 -	UNKN
COLUMBIA	N5SPF	147.285 +	UNKN
COLUMBUS	KA5LVU	145.430 -	UNKN
COLUMBUS	KA5GOU	147.000 +	UNKN
CORINTH	KA5RPB	145.390 -	UNKN
ELLISVILLE	N5EKR	146.955 -	UNKN
GREENVILLE	WA5MBA	146.820 -	UNKN
GREENWOOD	KA5TQY	146.715 -	UNKN
GULFPORT	KK5RK	145.330 -	UNKN
HATTIESBURG	KA5NNX	145.370 -	UNKN
IUKA	WB5MFK	146.850 -	UNKN
JACKSON	KB5KGE	145.390 -	UNKN
KOSCIUSKO	W5LWC	146.850 -	UNKN
LAUREL	WV5D	147.030 -	UNKN
LOUISVILLE	KC5QGC	147.360 +	UNKN
MCHENRY	KK5RK	147.330 +	UNKN
OXFORD	KC5KLW	145.290 -	UNKN
PASCAGOULA	N5AAY	146.880 -	UNKN
PONTOTOC	WB5NAY	147.380 +	UNKN
PORT GIBSON	KE5WO	146.625 -	UNKN
RICHTON	N5OCF	147.060 +	UNKN
VICKSBURG	KJ5OB	146.805 -	UNKN
WAYNESBORO	KI5WK	146.925 -	UNKN
ACKERMAN	NM5D	224.780 -	UNKN
ACKERMAN	NM5D	224.820 -	UNKN
BILOXI	K5TYP	224.500 -	UNKN
CORINTH	KA5RPB	224.520 -	UNKN
ELLISVILLE	N5EKR	224.400 -	UNKN
ACKERMAN	NM5D	443.650 +	UNKN
ACKERMAN	NM5D	444.900 +	UNKN
COLUMBUS	KB5ZZC	444.325 +	UNKN
DERBY	KB5OXE	443.975 +	UNKN
GULFPORT	KK5RK	444.250 +	UNKN
INDIANOLA	AB5DU	444.850 +	UNKN
JACKSON	KB5KGE	444.325 +	UNKN
JACKSON, EAST	AA5RZ	443.625 +	UNKN
MCHENRY	KK5RK	444.750 +	UNKN
NATCHEZ	N5IAT	443.800 +	UNKN
RICHTON	N5OCF	444.625 +	UNKN

N. CAROLINA UNKNOWN LIST

BALD CREEK	N1BEC	29.660 -	UNKN
WENDELL	WB4IUY	29.620 -	UNKN
ASHEVILLE	N4OOC	53.470 -	UNKN
BALD CREEK	N1BEC	53.030 -	UNKN
MARSHALL	KD4GEU	53.270 -	UNKN
SAURATOWN MT	N4QLX	53.210 -	UNKN
WENDELL	WB4IUY	53.070 -	UNKN
AHOSKIE	WB4YNF	145.130 -	UNKN
ASHEVILLE/FLATTP	N4OOC	147.180 +	UNKN
BALD CREEK	N1BEC	147.045 +	UNKN
CLAYTON	WB4IUY	147.390 +	UNKN
CROWDERS MT/GAS	WD4PLY	145.450 -	UNKN
FRANKLIN	W4GHZ	147.240 +	UNKN
GASTONIA/SPCR MT	W4REW	147.120 +	UNKN
GREENSBORO	K4GWH	146.760 -	UNKN
GREENSBRO/UNCG	N4GGD	145.290 -	UNKN
KANNAPOLIS	N4JEX	147.300 +	UNKN
LELAND	N4CTJ	145.170 -	UNKN
MARION	WD4PVE	146.985 -	UNKN
MORG WALKER TOP	N4OOC	147.225 +	UNKN
TUCKASEGEE	KA4YGX	147.300 +	UNKN
WILSON	WA4UQC	147.300 +	UNKN
BALD CREEK	N1BEC	224.120 -	UNKN
HENDERSONVILLE	N4UQS	224.960 -	UNKN
WILMINGTON	WB4KPF	224.680 -	UNKN
AHOSKIE	WB4YNF	444.200 +	UNKN
#ASHEVILLE	KE4VMN	442.025 +	UNKN
ASHEVILLE	KD4GEU	442.650 +	UNKN
BALD CREEK	N1BEC	444.875 +	UNKN
BOONE	WB4WTC	443.825 +	UNKN
CHARLOTTE	KD4OWV	443.950 +	UNKN
CROWDERS MTN	KD4FRP	443.675 +	UNKN
FLATTOP MNT/AVL	N4OOC	444.475 +	UNKN
GASTONIA/SPCR MT	WB4VTE	444.550 +	UNKN
GREENSBORO	K4GWH	444.225 +	UNKN
KANNAPOLIS	N4JEX	443.250 +	UNKN
KANNAPOLIS	N4JEX	443.350 +	UNKN
SALISBURY	K0SD	444.575 +	UNKN
WHITAKER MTN	WA4QFV	444.325 +	UNKN
WILSON	WB4IUY	442.300 +	UNKN
CHARLOTTE	W4PPN	421.250 +	UNKN
#CHARLOTTE	W4PPN	1253.250+	UNKN
WENDELL	WB4IUY	427.250 +	UNKN

S. CAROLINA UNKNOWN LIST

AIKEN	KY4S	145.170 -	UNKN
#CANADYS	WB4FOH	145.390 -	UNKN
COLUMBIA	WB4NEP	146.715 -	UNKN
COLUMBIA	N4EOY	147.360 +	UNKN
GREENWOOD/HDGS	KB4CS	145.130 -	UNKN
INMAN	WD8OXE	145.150 -	UNKN
#ORANGEBURG	WB4FOH	146.880 -	UNKN
SUMMERTON	N4LWY	145.150 -	UNKN
SUMTER	W4GL	146.640 -	UNKN
SUMTER	W4GL	147.015 +	UNKN
SUMTER/SHAW	W4VFR	147.060 +	UNKN
CHARLESTON	KA4NRL	224.180 -	UNKN
COLUMBIA	KC4SWI	224.640 -	UNKN
COLUMBIA	N4EOY	224.900 -	UNKN
CROSS	KB4VFD	224.580 -	UNKN
FLORENCE	N4JJ	224.940 -	UNKN
ORANGEBURG	KO4BR	224.780 -	UNKN
SUMTER	W4GL	224.120 -	UNKN
SUMTER	K4GYR	224.860 -	UNKN
SUMTER/SHAW	W4VFR	224.660 -	UNKN
WEST SPRINGS	KN4CW	224.440 -	UNKN
CHARLESTON	KD4PBC	444.950 +	UNKN
COLUMBIA	N4EOY	443.000 +	UNKN
FLORENCE	N4JJ	444.000 +	UNKN
SUMTER	W4GL	444.150 +	UNKN
SUMTER	K4GYR	444.500 +	UNKN
GOOSE CREEK	N4CNN	421.250 +	UNKN
LEXINGTON	N4GUP	421.250 +	UNKN

TENNESSEE UNKNOWN LIST

GUTHRIE (TN/KY)	KA4ZKL	53.230 -	UNKN
BRISTOL	WD4CYZ	146.880 -	UNKN
CHARLESTON	KD4LDU	147.060 -	UNKN
HENDERSONVILLE	K4UVH	147.345 +	UNKN
KNOXVILLE	KB4KIE	145.370 -	UNKN
#KNOXVILLE	KD4CWB	147.000 -	UNKN
LAFOLLETTE	KA4OAK	145.130 -	UNKN
LAFOLLETTE	KA4OAK	147.360 +	UNKN
LAKE CITY	WB4OAH	146.820 -	UNKN
LEBANON	WB4DOR	145.390 -	UNKN
MAYNARDVILLE	KB4KIE	145.230 -	UNKN
MCMINVL/SHT MT	WB4LHO	145.490 -	UNKN
MEMPHIS	KE4LFZ	146.730 -	UNKN
MEMPHIS	N4WAH	147.120 +	UNKN
MORRISTOWN	WB4OAH	147.225 +	UNKN
MURFREESBORO	WB4LHO	145.170 -	UNKN
NASHVILLE	K4AYN	147.045 +	UNKN
NASHVILLE	WB4NTM	147.360 +	UNKN
NASHVILLE W	WB4NTM	146.640 -	UNKN
NASHVILLE W	WB4NTM	146.670 -	UNKN
RIDGETOP	WD4FFM	145.290 -	UNKN
SAVANNAH	WB4DQU	146.910 -	UNKN
SHELBYVILLE	N4VFB	147.060 +	UNKN
SHORT MTN	W4YXA	146.910 -	UNKN
TRENTON	KN4KP	146.865 -	UNKN
WALLAND	KB4PIO	146.685 -	UNKN
CLEVELAND	KK4US	224.320 -	UNKN
GALLITAN	KD4GON	224.700 -	UNKN
LAFOLLETTE	KA4OAK	224.280 -	UNKN
MORRISTOWN	N4RBB	224.400 -	UNKN
NASHVILLE	WB4NTM	224.080 -	UNKN
NASHVILLE	WA4PCD	224.940 -	UNKN
SEVIERVILLE	N2FUV	224.440 -	UNKN
CHATT/MONTLKE M.	KD4UWA	444.875 +	UNKN
FRANKLIN	N4ULM	443.850 +	UNKN
JACKSON	WB4EPG	442.800 +	UNKN
JACKSON	WB7BOX	444.875 +	UNKN
MEMPHIS	N4WAH	444.500 +	UNKN
#MORRISTOWN	KD4LP	444.800 +	UNKN
NASHVILLE	WB4NTM	444.150 +	UNKN
BARTLETT	N4WAH	421.250 +	UNKN
KNOXVILLE	WA4CDM	1253.250-	UNKN
KNOXVILLE	WA4CDM	421.250 +	UNKN
NASHVILLE	KJ4ZQ	421.250 +	UNKN
NASHVILLE	KD4EEW	439.250 +	UNKN

VIRGINIA UNKNOWN LIST

BEDFORD	WB4JBJ	147.105 +	UNKN
BRISTOL	WD4CYZ	146.880 -	UNKN
#CASCADE MTN	WA4CQK	145.110 -	UNKN
#DANTE	WD4CYZ	147.255 +	UNKN
DANTE/HAZEL MTN	KK4MW	146.985 -	UNKN
LYNCHBURG	KB4ILD	147.375 +	UNKN
MARION	KC4SKE	145.270 -	UNKN
NORFOLK	WA4ZUA	145.170 -	UNKN
ROANOKE	N4AP	146.940 -	UNKN
RICHMOND	WA4ONG	224.520 -	UNKN
CHESAPEAKE	KB4NKO	443.100 +	UNKN
FANCY GAP	WD4ICX	444.175 +	UNKN
MARTINSVILLE	KD4CRM	442.175 +	UNKN
NORTON/HIGH KNB.	WA4NDQ	444.850 +	UNKN
PORTSMOUTH	KK4SN	444.000 +	UNKN
ROANOKE	KM4TT	920.900 -	UNKN

W. VIRGINIA UNKNOWN LIST

ALDERSON	WA8WDK	53.190 -	UNKN
MARMT/CHARLSTN	N8PEI	53.750 -	UNKN
BECKLEY/FLAT TOP.	WA8WDK	146.850 -	UNKN
GLENVILLE	KB8EUN	145.130 -	UNKN
GLENVILLE	KA8ZXP	145.290 -	UNKN
LEON	WD8OHX	147.180 +	UNKN
MORGANTOWN	K8LG	145.430 -	UNKN
SPENCER	WT8Z	147.105 +	UNKN
ST MARYS/BENS R	WB8ECC	147.030 +	UNKN
#LEON	WD8OHX	223.780 -	UNKN
GLENVILLE	KA8ZXP	444.325 +	UNKN
MORGANTOWN	K8LG	444.700 +	UNKN
WHEELING	N8EKT	444.975 +	UNKN

Is your repeater listed as a Full Member of SERA. We invite you to become a Full Member. See the application located at the end of the Frequency index Listing.

MILLIONS AND MILLIONS OF DOLLARS WORTH OF HAM EQUIPMENT

SPECIAL SHOWS!

SPECIAL DEALS!

More Choices!
More Variety!
More Listings!
More Shows!
Better Shows!

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You gotta love 'em!

SERA REPEATER INDEX LISTINGS BY FREQUENCY

SUB-TONE ACCESS FREQUENCY, IF USED BY REPEATER, IS LISTED

10 METERS

29.6000 / 29.6000
W4CM NEWPORT NEWS ..... VA
29.52 0 / 29.6200
KF4XH #MACON ..... GA
29.5200 / 29.6200
KQ4XL MONROE ..... GA
KC4XE WILKESBORO ..... NC
W4ZJM MEMPHIS ..... *# ..... TN
KA8OTX BECKLEY ..... WV
29.5400 / 29.6400
N4NEQ ATL/MARIETTA ..... 118.8 GA
KK4OZ LOUISVILLE ..... KY
AE4XJ WAKE FOREST ..... NC
W4CAT GALLATIN/BNA ..... 107.2 TN
WB4NKM GREENEVILLE ..... TN
WB8CQV CHARLESTON ..... WV
29.5600 / 29.6600
K4GRW NEWPORT ..... NC
N4JEH ROCKY MOUNT ..... NC
KQ7E SUMTER ..... SC
WA4YGM UNION CITY ..... TN
KE4QOX FANCY GAP ..... 123.0 VA
WA8YWO RICHWOOD ..... 100.0 WV
29.5800 / 29.6800
N4BZJ DALTON ..... GA
WW4DC THOMASVILLE ..... 88.5 NC

6 METERS

51.2000 / 51.7000
WA4YNZ #CUMMING ..... GA
52.5250 / 52.5250
WW4DC THOMASVILLE ..... 88.5 NC
52.0100 / 53.0100
WA4YNZ #ROSWELL ..... GA
KC4QK ASHLAND ..... 107.2 KY
K4GRW NEWPORT ..... NC
KE4QOX THOMASVILLE ..... 88.5 NC
N0WFL BLYTHEWOOD ..... SC
WD4SBX GRAY/HOLSTON MT ..... TN
WA4KOG MEMPHIS ..... TN
WA4BGK NASHVILLE ..... 114.8 TN
KI4ZR LEXNGTN/ROCK MT. ..... VA
52.0300 / 53.0300
NA4I AUGUSTA ..... GA
KF4FTD MORRISTOWN ..... TN
52.0500 / 53.0500
K5HYE MENDENHALL ..... MS
WA4PXV #GRANDFATHER MT ..... NC
N4JEH ROCKY MOUNT ..... NC
WA4BGK GALLATIN ..... 114.8 TN
52.0700 / 53.0700
WB4AEG CARTERSVILLE ..... 123.0 GA
N4TPL MONTICELLO ..... 100.0 KY
KD4FWS MT.AIRY/FANCY GP ..... 100.0 NC
KB4MIC GUM SPRING ..... VA
52.0900 / 53.0900
KD4DKW ATL/MARIETTA ..... 118.8 GA
WB4PLA MARS HILL ..... NC
KF4IXW REELSBORO ..... 162.2 NC
KC4VHQ WAVERLY ..... TN
WB8BON ROANOKE/POOR MT ..... VA
52.1100 / 53.1100
N4XTF GASTONIA/CRWDR ..... NC
KD4BGD LUMBERTON ..... NC
WD4GYN OAK RIDGE ..... TN
KB4YKV AMELIA COURTHSE ..... VA
N8CQQ FLATWOODS ..... WV
52.1300 / 53.1300
N4BZJ DALTON ..... GA
N4EQT LAWRENCEBURG ..... 107.2 KY
WA4FOT HENDERSONVILLE ..... 131.8 NC
WB4GJG DANVILLE(DCC) ..... VA
52.1500 / 53.1500
WB4IOB KNXVL/ENG MT ..... TN
N4CH BEDFORD/THAX MT ..... VA
52.1700 / 53.1700
N4RBT CLEVELAND ..... GA
WW4DC THOMASVILLE ..... 88.5 NC
K4BGW LAFOLLETTE ..... TN
KE4SFU RICE ..... VA
KE4QOX LOGAN ..... WV
52.1900 / 53.1900
KN4AS LITTLE MOUNTAIN ..... 156.7 SC
WA4UCE COOKEVILLE ..... TN
52.2100 / 53.2100
N1KDO MARIETTA ..... 79.7 GA
N4WWB GATE CITY ..... VA
K8WGB GASSAWAY ..... 123.0 WV
52.2300 / 53.2300
KD4JFN PITTSBORO ..... 107.2 NC
KQ4E MORRISTOWN ..... TN
52.2500 / 53.2500
KF4BMG MARIETTA ..... 79.7 GA
WA4PEN RALEIGH ..... NC
WA4YON #KNOXVILLE ..... TN
KT4QW NEWPORT NEWS ..... 100.0 VA
N4CH ROANOKE ..... VA
52.2700 / 53.2700
KA4UHL NANCY ..... 100.0 KY
N4DRL BYHALIA ..... MS
KC4GYM GILBERT ..... 162.2 SC
52.2900 / 53.2900
KE4FN PINE LOG MT. ..... 198.2 GA
KF4UAQ LOUISVILLE ..... KY
52.3100 / 53.3100
KD4SQB ROAN MTN ..... TN
KB8TJH SHIRLEY ..... WV
52.3300 / 53.3300
KD4FVI CRAWFORD ..... 88.5 GA
AD4CC HIGHLAND HEIGHTS ..... KY
N4ZHC CLINTON ..... NC
52.3500 / 53.3500
WR4BEG SOPHIA/RANDELMN ..... NC
W4AM CHATTANOOGA ..... TN
NU5O MCNAIRY ..... 107.2 TN
52.3700 / 53.3700
KD4MYE YOUNGSVILLE ..... NC
KC4PDQ MARYVILLE ..... TN
52.3900 / 53.3900
KA4UFM DECATUR ..... GA
KF4XH #MACON ..... GA
KE4RKF WAYNESBURG ..... 100.0 KY
KC4YOZ #RANLO ..... 107.2 NC
WB3R AMELIA ..... VA
52.4100 / 53.4100
WA1YYN EFLAND ..... 107.2 NC
KO4MZ GVL/CSR'S HEAD ..... 131.8 SC
52.4300 / 53.4300
KC4ZIZ BOLINGBROKE ..... GA
WA4DBY LOUISVILLE ..... 151.4 KY
AD4DN WILMINGTON ..... 88.5 NC
K4GX KINGSPORT ..... TN
KD4SUU CHESTERFIELD ..... VA
N4GBO VESTA ..... 107.2 VA
52.4500 / 53.4500
W4UNC CHAPEL HILL ..... NC
52.4700 / 53.4700
N4UOX DOUGLASVILLE ..... 88.5 GA
KE4JYN PEARISBURG ..... 107.2 VA
52.5500 / 53.5500
N4OQJ KNOXVILLE ..... 100.0 TN
K4RDK MEMPHIS ..... TN
52.5700 / 53.5700
KD4AOZ WATKINSVILLE ..... GA
KE4LGL LEXINGTON ..... KY
KE4KEH LYNCHBURG ..... VA
52.5900 / 53.5900
KE4QOX KVILLE/HIPOINT ..... 156.7 NC
KF4IWA MOUNTAIN REST ..... SC
WB8YST BECKLEY ..... 107.2 WV
52.6300 / 53.6300
K4JWJ MT MITCHELL ..... 100.0 NC
WB8YST CHARLESTON ..... 107.2 WV
52.6500 / 53.6500
KC4SBJ ROCKY MOUNT ..... NC
KB4YFV WHITE TOP MTN ..... VA
52.6700 / 53.6700
WA4WRS BARIUM SPRINGS ..... NC
52.7100 / 53.7100
WB8YST RICHWOOD ..... 107.2 WV
52.7200 / 53.7200
K4YC IVEY/MACON ..... 88.5 GA
52.7500 / 53.7500
W4YWH HIGHLAND HEIGHTS ..... KY
WA4PXV #WEST JEFFERSON ..... NC
K4GX #ROGERSVILLE ..... 114.8 TN
52.7700 / 53.7700
W4GL SUMTER ..... SC
52.8100 / 53.8100
WD4KNE STANTON ..... KY
W4EBM FAYETTEVILLE ..... NC
52.8900 / 53.8900
KB0Y LAKE PARK ..... 141.3 GA
WA4OHX HAMPTON ..... VA
52.9700 / 53.9700
KD4FWS MT.AIRY/FANCY GP ..... 100.0 NC
52.5250 / 145.2100
N4ARK NASHVILLE ..... TN

2 METERS

144.6100 / 52.5250
N4ARK NASHVILLE ..... TN
144.5100 / 145.1100
N4MXC COCHRAN ..... 107.2 GA
KR4HV DOUGLASVILLE ..... 88.5 GA
KC4UPE LEESBURG ..... 192.8 KY
K5HYE MENDENHALL ..... 100.0 MS
KC5NIX OKOLONA ..... MS
W5WA PASCAGOULA ..... 123.0 MS
KB4TOH COLUMBIA ..... 131.8 NC
KR4RR ROBBINSVILLE ..... 151.4 NC
KD4MYE YOUNGSVILLE ..... 88.5 NC
WB4TWX FORT MILL ..... SC
W4GS MYR BCH/CONWAY ..... SC
NQ4Y COOKEVILLE ..... TN
WD4SBX GRAY ..... 100.0 TN
KD4GCT JACKSON ..... TN
N4ARK NASHVLE/FAIRVIEW ..... TN
K4YPE RICHMOND ..... VA
N8RV FROST ..... WV
K8SA SALT ROCK ..... 110.9 WV
144.5300 / 145.1300
KB0Y VALDOSTA ..... 141.3 GA
N4RBL LOUISVILLE AREA ..... 151.4 KY
KJ4VF MOREHEAD ..... KY
W4RNC RALEIGH ..... 88.5 NC
K4JR SUMTER ..... SC
K4CMY CHATTANOOGA ..... TN
N4SSB GALLATIN ..... 107.2 TN
KF4SCT MEMPHIS ..... 107.2 TN
N4VL GALAX/LKOUT MT ..... 103.5 VA
144.55 0 / 145.1500
K8VE PHILIPPI ..... 103.5 WV
144.5500 / 145.1500
W4ACL ATLANTA ..... GA
K4YC IVEY/MACON ..... 77.0 GA
WB9SHH MONTICELLO ..... KY
AD4BI PIKEVILLE ..... KY
K5LFP PICAYUNE ..... MS
K2IMO ELM CITY ..... 88.5 NC
W4GSO GREENSBORO ..... NC
KE4ZTD HATTERAS ISLAND ..... 131.8 NC
W4NHV #LUMBERTON ..... NC
W4RJC DECATUR-PONE KB ..... TN
W4XS FRANKLIN ..... TN
K0JXI MEMPHIS ..... TN
K4ARO GREENBAY ..... VA
KA4IXK RADFORD/RINER ..... VA
144.5700 / 145.1700
WA4DIW JONESBORO ..... GA
N8PRH HALLS GAP ..... KY
N5DWU PETAL ..... 136.5 MS
K4CCR ANDSN MT/DENVER ..... 88.5 NC
N4NCK OXFORD ..... NC
KF4SCT BRUCETON ..... 107.2 TN
WB4GBI KNOXVILLE ..... TN
WV8B BECKLEY/BOLT ..... 100.0 WV
144.5900 / 145.1900
WB6RTH #ATLANTA ..... 77.0 GA
WB0QGH LAWRENCEVILLE ..... GA
KB4SQI SALYERSVILLE ..... 127.3 KY
K5YD BOONEVILLE ..... MS
W5CJR HATTIESBURG ..... 136.5 MS
KA4SQN JACKSONVILLE ..... NC
WA4BVW MT MITCHELL ..... NC
K4GWH RALEIGH ..... 156.7 NC
N0YVN COLUMBIA ..... SC
N4OTT CARTHAGE ..... TN
KD4XV JASPER ..... 127.3 TN
WB3R AMELIA ..... VA
WB8YJJ RICHWOOD ..... WV
KA8YEZ WHEELING ..... WV
144.6100 / 145.2100
KC4RRO EASTMAN ..... GA
WA4EPK FAYETTEVILLE ..... GA
W8PRH LEXINGTN/GRGTWN ..... KY
KB5IKR MENDENHALL ..... 100.0 MS
K4OLC HIGH PEAK MTN ..... 94.8 NC
WB4TQD TRENTON ..... NC
NS4SC LEXINGTON ..... SC
W4BBB KNOXVILLE/RACK ..... 100.0 TN
W2GLJ MEMPHIS ..... TN
N4ARC NASHVILLE ..... TN
W2MS KILMARNOCK ..... VA
KC4UBU POUND ..... 103.5 VA
WB4QOJ ROANOKE/POOR MT. ..... VA
WB8FEQ HUNTINGTON ..... WV
144.6300 / 145.2300
KB0Y CORDELE ..... 141.3 GA
KS4BS DALTON ..... GA
WD4COL WAYNESBORO ..... GA
W8PRH LOUISVILLE ..... KY
N4VBH BEULAVILLE ..... NC
W4UNC CHAPEL HILL ..... 131.8 NC
W4BFB CHARLOTTE ..... NC
W4CAT LAVERNE ..... TN
KE4NTL RIPLEY ..... 100.0 TN
N4CH BEDFORD ..... VA
W4MT NEWPORT NEWS ..... 100.0 VA
N8FWL BECKLEY/OAK HILL ..... 100.0 WV
144.6500 / 145.2500
N4YYD CHATSWORTH ..... 71.9 GA
K4YC IVEY ..... GA
AD4YJ LEXINGTON ..... 110.9 KY
N4GGD GREENSBORO/LVLX ..... 88.5 NC
WA4USN CHARLESTON ..... SC
K4USC DANLON ..... SC
KT4WS CARLISLE ..... TN
N4WXS ERWIN/PINNACLE ..... TN
KD8XK BLUEFIELD ..... 100.0 VA
KQ4RH MONTPELIER ..... VA
144.6700 / 145.2700
KT4X SANDERSVILLE ..... 77.0 GA
KE4PN WALESKA/PNLGMT ..... 103.5 GA
N4KJU PAINTSVILLE ..... KY
KD4BOH ROCKPORT ..... KY
N5NBG WALLS ..... 162.2 MS
K5SDJ ROBINS ..... 136.5 MS
K4ROK FARMVILLE ..... 131.8 NC
WA4KNI HENDSVL/BERWLW ..... NC
KM4AR MIDWAY ..... 77.0 NC
KC4GYM COLUMBIA ..... 127.3 SC
WB4WZK HENDERSONVILLE ..... TN
KD4CLA PIGEON FORGE ..... 100.0 TN
N8FMD BIRCH RIVER ..... 103.5 WV
144.6900 / 145.2900
W4IBM ATLANTA ..... GA
NA4I AUGUSTA ..... 100.0 GA
WR4MG PERRY ..... 107.2 GA
AC2DE LOUISVILLE ..... 151.4 KY
N4VOS STANTON ..... KY
WJ5L VICKSBURG ..... MS
W4BFB CHARLOTTE ..... NC
KO4XC CLAYTON ..... NC
WN3X COINJOCK ..... NC
W4AM CHATTANOOGA ..... 67.0 TN
WB4SQC JOHNSON CITY/HOL ..... TN
N4UTN RUSTBURG ..... VA
144.7100 / 145.3100
WA4JDR STOCKBRIDGE ..... GA
KC4KZT DAVID ..... KY
KC4WPM BAKERSVILLE ..... NC
WD4IIP LEXINGTON ..... 88.5 NC
K4ITL ROSEBORO ..... NC
KD4KOJ BEAUFORT ..... SC
KT4DG CHESTER ..... SC
WA4PNI ATHENS ..... 141.3 TN
KF4SC JACKSON ..... TN
KC4ECD LAFAYETTE ..... 151.4 TN
KD4KWP CHESTERFIELD ..... 127.3 VA
N8FOJ BECKLEY/LAYLAND ..... 100.0 WV
KB8TJH SHIRLEY ..... WV
144.7300 / 145.3300
KF4ODQ EASTMAN ..... 77.0 GA
WA4OGE JONESBORO ..... GA
N4XGI ST SIMONS ISLAND ..... 131.8 GA
KF4INN VERSAILLES ..... KY
N4DRL BYHALIA ..... MS
KK4YP GOLDSBORO ..... 100.0 NC
N4VRD MOUNT AIRY ..... 100.0 NC
KF4JVI TRYON ..... NC
WA4DFP BAMBERG ..... SC
WD4DBJ CUMBERLAND CITY ..... TN
WA4TEM KNOXVILLE ..... TN
KE4ZBH FARMVILLE ..... VA
W4VB NORFOLK ..... VA
WR8M WILLIAMSON ..... WV
144.7500 / 145.3500
W4DOC ATLANTA ..... 146.2 GA
W4GTA LOOKOUT MTN ..... 100.0 GA
AI4HB RADCLIFF ..... 173.8 KY
KD4DAX WILLIAMSBURG ..... KY
KA5WMH OLIVE BRANCH ..... MS
N5ZMZ UTICA ..... MS
WA4AOS CHARLOTTE ..... NC
WD4JPQ GREENVILLE ..... 131.8 NC
KE4OVN DRESDEN ..... 107.2 TN
WD4JYD NOLENSVILLE ..... TN
N4AZJ BLAND ..... 103.5 VA
KF4LWH SOUTH BOSTON ..... VA
W8GK CHARLESTON ..... 91.5 WV
W8SP FAIRMONT ..... 103.5 WV
144.7700 / 145.3700
AA4UA AUGUSTA ..... GA
KB4IZF JASPER ..... 100.0 GA
W4BKM MACON ..... GA
KE4YVD RICHMOND ..... 192.8 KY
N5PYQ SOUTHAVEN ..... 107.2 MS
N4AGN N. WILKESBORO ..... NC
N4NCK OXFORD ..... NC
K4PPD SHALLOTTE ..... NC
WR3S NASHVILLE ..... TN
W4HZL GLOUCESTER ..... 100.0 VA
KC4RBA LYNCHBURG ..... VA
N8TNB BECKLEY/EOC ..... WV
K8VNQ PARSONS ..... 118.8 WV
144.7900 / 145.3900
K4HYB GRIFFIN ..... 88.5 GA
WF4N #CENTRAL CITY ..... KY
N4EQT LAWRENCEBURG ..... 107.2 KY
WD8IFH SO. PORTSMOUTH ..... KY
N4ZVN MONROE/UCARS ..... NC
W4AM CHATTANOOGA ..... TN
W4WC GREENEVILLE ..... TN
K4ARO ROANOKE/POOR MT ..... 107.2 VA
WD8EOM WESTON ..... WV
144.8100 / 145.4100
W4PME ATLANTA/BELL ..... GA
NA4I AUGUSTA ..... GA
WR8CRA #COVINGTON ..... KY
WA4MXO JACKSON ..... KY
KC5IF D'IBERVILLE ..... MS
N5DWU MERIDIAN ..... 136.5 MS
N4XO HIGH POINT ..... NC
K4SER WILLIAMSTON ..... 131.8 NC
W4WBT #ROCK HILL ..... SC
N4VIH DOVER ..... TN
WB4NKM GREENEVILLE ..... TN
K5FE MEMPHIS ..... 107.2 TN
NQ4Y MONTEAGLE ..... 114.8 TN
KF4ADM WILLIAMSBURG ..... VA
N8FHE BUCKHANNON ..... WV
WV8AR LIBERTY ..... 123.0 WV
W8IFL UNION ..... WV
144.8300 / 145.4300
K4LCI ATLANTA ..... GA
KA4EIM JESUP ..... GA
AA4RI MACON ..... GA
KA5BEE GLOSTER ..... 136.5 MS
KU4W RAEFORD ..... 118.8 NC
K4QFO SPARTA/GREEN MT ..... NC
KF4GHC GILBERT ..... SC
KB4YTU BROWNSVILLE ..... TN
KF4SCT BUCKSNORT ..... 107.2 TN
WA4UCE COOKEVILLE ..... TN
WB4YLC KNOXVILLE ..... TN
AD4OV COEBURN ..... 103.5 VA
W4SQT RICHMOND ..... VA
144.8500 / 145.4500
W4BOC DECATUR ..... GA
KC4TX LEXINGTON ..... KY
N5ZQC SHARON ..... 100.0 MS
WR4AGC DURHAM ..... NC
K4GRW NEWPORT ..... NC
WD4EOG CLEMSON UNIVERSI ..... SC
K4SIR BENTON ..... TN
WA4KOG MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KF4GHD #MT PLEASANT ..... 127.3 TN
AA4HQ SALUDA ..... VA
N8LGY GRANTSVILLE ..... 103.5 WV
WB8SXZ WELCH ..... WV
144.8700 / 145.4700
KD4HMH BONAIRE ..... GA
KF4UM RICEBORO ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
WB4GGH BARDSTWN/NELSN ..... KY
KF4ZTB HUEYSVILLE ..... 79.9 KY
WA4WMM MAYSVILLE ..... KY
KF4SCT OXFORD ..... 107.2 MS
W4OIX #KINSTON ..... NC
W4NC SAURATOWN MT ..... 100 NC
KN4RG GAFFNEY ..... 141.3 SC
KI4CB MYR BCH/CONWAY ..... 179.9 SC
WB4GBI KNOXVILLE ..... TN
KF4RBR MOUNTAIN CITY ..... TN
N4ARK NASHVILLE ..... TN
N4ZCM SOUTH HILL ..... VA
W8FG SUMMERSVILLE ..... 100.0 WV
144.8900 / 145.4900
W4DV AUGUSTA ..... GA
KA4WUJ CORDELE ..... 103.5 GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W4LMA MARIETTA ..... GA
W4KVK HENDERSON ..... KY
WB4CWF LEXINGTON ..... KY
N5DWU RICHTON .....136.5 MS
N5VGK TUPELO ..... MS
NT4K FRANKLIN ..... NC
WB4IKY #GIBSONVILLE .....107.2 NC
K4BWC RALEIGH .....88.5 NC
W4APE CHERAW ..... SC
WA4KOG BRADEN ..... TN
W8MOP BLUEFIELD ..... VA
WA4OHX HAMPTON ..... VA
WV8G PARKERSBURG ..... WV
146.0100 / 146.6100
W4CVY COLUMBUS ..... GA
WD4KWV CORBIN ..... KY
KC4FRA MADISONVILLE ..... KY
KC5QZW LAUREL ..... MS
WD4JMS NEW BERN .....100.0 NC
WB4TOP RALEIGH .....131.8 NC
KC4WIF ELLOREE .....118.8 SC
W4NYK GRNVLE/CSRS HD ..... SC
W4AM CHATTANOOGA ..... TN
WA4PCD NASHVILLE ..... TN
K4JP ABINGDN/BRMLY MT ..... VA
WA4YSE CHESAPEAKE ..... VA
W4WWQ LYNCHBURG ..... VA
WB8MZI GASSAWAY ..... WV
146.0250 / 146.6250
N4UJT ELBERTON ..... GA
K4ULW WEBSTER .....151.4 KY
N4WET BANNER ELK/SUGAR ..... NC
K4USB BUXTON .....131.8 NC
KI4RR LAURINBURG ..... NC
KF4SXO CHESTER ..... SC
KF4TMP CORNERSVILLE .....107.2 TN
WB4GBI KNOXVILLE .....100.0 TN
N4ABU MARTIN ..... TN
WV8B FLAT TOP/WINTRPL.....100.0 WV
146.0400 / 146.6400
WB4QGR ATLANTA ..... GA
W4FWD CARROLLTON .....131.8 GA
AE4PO WAYCROSS .....141.3 GA
WA4UXJ CANE VALLEY ..... KY
WA4YZY #PINEVILLE .....100.0 KY
K5XU MADISON ..... MS
WB5NAY MOOREVILLE ..... MS
WB4YAO HENDERSONVILLE ..... NC
WA4DW RALEIGH ..... NC
W4NC WINSTON-SALEM. .....100 NC
KA4QYI HARRIMAN .....100.0 TN
WB4KQQ MEMPHIS ..... TN
W4WIC FINCASTLE ..... VA
N4QLF MARION .....103.5 VA
WB4QEY RICHMOND ..... VA
WB8EZR HUNTINGTON/CHAS ..... WV
146.0550 / 146.6550
N4NFP ATLANTA/MARIETTA .....118.8 GA
W4WSM BOWLING GREEN-SO ..... KY
WD4DZC DANVILLE ..... KY
K4CUW PADUCAH ..... KY
K4CEB CONCORD/KANNAP. ..... NC
WA4VTX ELIZABETH CITY ..... NC
KD4KOJ BEAUFORT ..... SC
KD4AOK BROWNSVILLE ..... TN
KM4ME LAWRENCEBURG ..... TN
W4OLB MARYVILLE/ALCOA ..... TN
WA4ISI ALTAVISTA ..... VA
N8ZPX FLATWOODS .....123.0 WV
N8SNW IAEGER ..... WV
146.0600 / 146.6600
W4BKM MACON ..... GA
146.0700 / 146.6700
W4ABP GAINESVILLE .....131.8 GA
K4DDH #MACON ..... GA
KF4SJO HAZARD ..... KY
K5DGL NEW ALBANY ..... MS
KB5ZCX PURVIS ..... MS
K4FHB BURLINGTON ..... NC
WA4BKU FOREST CITY ..... NC
AD4DN WILMINGTON .....88.5 NC
AD4IJ ST. MATTHEWS .....156.7 SC
W4UJD BRISTOL ..... TN
K4BGW LAFOLLETTE/WMT ..... TN
K4HZS DUBLIN ..... VA
W4NTG WILLIAMSBURG ..... VA
WD8JNU RAVENSWOOD ..... WV
146.0850 / 146.6850
WD4IWL ADAIRSVILLE ..... GA
KB4KZY FAYETTEVILLE ..... GA
KE4ISR LEXINGTON ..... KY
KE4RNM OWENSBORO .....110.9 KY
W5KHB NATCHEZ ..... MS
W4NBR GRIFTON .....88.5 NC
KE4WSX STATESVILLE ..... NC
K4USC UNION ..... SC
WA1ZMS BEDFORD/APL ORCH.....100.0 VA
N8FMD CLARKSBURG .....103.5 WV
WB8NAM DANVILLE ..... WV
146.1000 / 146.7000
W4MM ALBANY ..... GA
W4OOM JASPER ..... GA
KD4BWK LAGRANGE .....141.3 GA
WB4DOJ MILLEDGEVILLE .....67.0 GA
K4NLX SAVANNAH ..... GA
KY4KY BROOKS .....151.4 KY
KF4JO GRAYSON ..... KY
WB4FUR BAY ST. LOUIS ..... MS
W5LV GRENADA ..... MS
W5FQ MERIDIAN ..... MS
KD4GLB CROSSNORE .....167.9 NC
N4CID DUNN ..... NC
W4PAX LANCASTER ..... SC
KF4FOF PICKENS ..... SC
KF4BVQ ANDERSON CTY .....100.0 TN

W4UOT MANCHESTER .....114.8 TN
WB4MMI RAMER .....107.2 TN
WA4YGM UNION CITY ..... TN
K4AU DANVILLE/WHT OAK.....107.2 VA
KF8PT NORFOLK ..... VA
KK4QS PENNINGTON GAP ..... VA
KD4WWF STAUNTON .....131.8 VA
146.1100 / 146.7100
KF4FO HOPKINSVILLE ..... KY
146.1150 / 146.7150
K4NVG LAVONIA .....100.0 GA
WA4BZ RINGGOLD .....67.0 GA
KI4B BEREA ..... KY
KD4JFN HAW RIVER .....107.2 NC
N4GGN MILLERS CREEK ..... NC
KB4JUB SALTILLO ..... TN
W9KIC BLACKSBURG ..... VA
KA4DZU WALKERTON ..... VA
KD8GL SHERRARD ..... WV
146.1300 / 146.7300
W4MM ALBANY ..... GA
KD4NC ATLANTA/SWEAT MT ..... GA
K4TVE BRUNSWICK ..... GA
AC4AO LEXINGTON ..... KY
KC5IF BILOXI ..... MS
W5VZF STARKVILLE ..... MS
K4BWC RALEIGH .....88.5 NC
W4EXU SALISBURY .....94.8 NC
W4VNK WILMINGTON ..... NC
K4NAB N. AUGUSTA ..... SC
WD4BJY SIMPSONVILLE ..... SC
WB4IOB KNXVL/ENG MT ..... TN
WA4KPA WATERTOWN .....100.0 TN
W4QR HAMPTON ..... VA
WB8SPW LEWISBURG .....100.0 WV
146.1450 / 146.7450
WA4BKF ATHENS ..... GA
KD4RTR MILLARD .....141.3 KY
KC4QPR MORGANTON ..... NC
NN4N DILLON/PEE DEE ..... SC
WB4RCK DYERSBURG ..... TN
KC4WHL HARRIMAN ..... TN
K4RCA ROANOKE/POOR MT .....107.2 VA
WF8U PARKERSBURG (OH)..... WV
146.1600 / 146.7600
KS4QA LOOKOUT MTN .....67.0 GA
W4BOC STONE MT .....107.2 GA
KF4BJM VALDOSTA .....141.3 GA
K4KJQ LEXINGTON ..... KY
K4CUW PADUCAH ..... KY
W5AXQ JACKSON ..... MS
WA4BVW ASHVL/MT PISGAH ..... NC
KO4S SWANSBORO ..... NC
WB4THL WILSON ..... NC
K4ESG MT PLEASANT ..... SC
K4JP BRSTL/HOLSTN MT ..... TN
WA4PCD NASHVILLE .....114.8 TN
WA4TFZ CHARLOTTESVILLE .....88.5 VA
KB4ZIN WILLIAMSBURG ..... VA
WB8VIU HUNTINGTON ..... WV
W8CUL MORGANTOWN ..... WV
W8ZQ WHEELING ..... WV
146.1750 / 146.7750
N4NFP MARIETTA .....118.8 GA
KB4NA WRENS ..... GA
W4PPM MIDDLESBORO ..... KY
KJ4OG TOMPKINSVILLE ..... KY
AE4SK VANCEBURG ..... KY
W5CJR HATTIESBURG .....136.5 MS
KD4RAA RALEIGH .....88.5 NC
K4JYH SOUTHPORT ..... NC
KF4GHC FORT JACKSON .....156.7 SC
KF4SCT FRUITLAND .....107.2 TN
W4JVO PULASKI/MUSIC MT..... TN
WB3T WYTHEVILLE .....107.2 VA
KB8BWZ ELKINS ..... WV
146.1900 / 146.7900
KD4GEY FOLKSTON ..... GA
WD4KOW MOULTRIE ..... GA
W4YWH HIGHLAND HEIGHTS ..... KY
KA4UHL NANCY .....100.0 KY
K4QAR LUMPKIN ..... NC
KK4A SAURATOWN MT .....107.2 NC
N4AW ANDERSON/SAS MT ..... SC
WA4USN CHARLESTON ..... SC
W4AM CHATTANOOGA ..... TN
W4ABR JOHNSON CITY ..... TN
WA4HBY MEMPHIS ..... TN
W4SQE NASHVILLE ..... TN
N4SD CHESAPEAKE ..... VA
NM8T OAK HILL ..... WV
146.2050 / 146.8050
K4PDQ MACON .....77.0 GA
KA4NNE GUTHRIE ..... KY
W8PRH HAZARD ..... KY
KF5C STARKVILLE .....192.8 MS
N4EWG FAYETTEVILLE ..... NC
K4GNC GASTONIA/CRWDR ..... NC
W4DCG ROCKY MOUNT .....118.8 NC
KF4ATU ORANGEBURG .....156.7 SC
W4EYJ CROSSVILLE ..... TN
WB4VXX #LEWISBURG ..... TN
KB6BUL SELMER .....127.3 TN
WA4HTI COVINGTON ..... VA
W4ML MECHANICSVILLE ..... VA
147.4050 / 146.8050
KC4AQS CALHOUN/JASPER ..... GA
W4DJB CANTON ..... NC
KF4EII CLAYPOOL HILL .....103.5 VA
146.2200 / 146.8200
W4MM ALBANY ..... GA
W4DOC ATLANTA .....146.2 GA
K4HVK KIBBEE ..... GA
W4CMR IRVINE .....192.8 KY
K5HYE MAGEE .....100.0 MS

WB4PZA ROARING GAP ..... NC
K4GMP WILMINGTON .....88.5 NC
W4NYK GRNVLE/PARIS MT ..... SC
W4BS MEMPHIS ..... TN
AB4SW WINCHESTER ..... TN
N4WWB GATE CITY ..... VA
WB8IFS CHARLESTON ..... WV
146.2350 / 146.8350
KC4GSS THOMSON ..... GA
KC4ZOX SALVISA .....192.8 KY
WB4PLA #ASHEVILLE ..... NC
W4PCN NAGS HEAD/BODIE ..... NC
W4USH WADESBORO ..... NC
KT4YW CHARLESTON ..... SC
KB4YTM HUNTINGDON ..... TN
W4LYR WATERTOWN .....100.0 TN
KK4EH GRUNDY/BIG A MT ..... VA
N4UTN RUSTBURG/LONG MT.....173.8 VA
147.4350 / 146.8350
N4KHQ DAHLONEGA .....100.0 GA
N5DWU ELLISVILLE ..... MS
N4NNR HIGH POINT ..... NC
146.2500 / 146.8500
W4RPO DALLAS ..... GA
KE4WAQ SAVANNAH ..... GA
KF4KVE WARNER ROBINS ..... GA
KM4IV PIKEVILLE ..... KY
K5JMD BUDE .....103.5 MS
K4CYP GOLDSBORO ..... NC
WA4DSZ HICKORY/BRT. MT ..... NC
KE4YVP REIDSVILLE .....103.5 NC
W4ULH FLORENCE ..... SC
WA4KJH GTLBG/COVE MTN .....127.3 TN
WA4KOG MEMPHIS ..... TN
W4AY NASHVILLE .....114.8 TN
W4POX PORTSMOUTH .....100.0 VA
WA4ZBP STAUNTON .....131.8 VA
W4AZ CHARLOTTESVILLE ..... VA
WD4MWQ MCMINNVILLE ..... TN
WA4FWK MEDINA ..... TN
W4SKH OAK RIDGE ..... TN
W4WRN STAUNTON ..... VA
WA4KXV VIRGINIA BEACH ..... VA
KJ8E LOGAN/WRD RK MT ..... WV
N8NBL PARKERSBURG (OH)..... WV
146.3800 / 146.9800
W4BEJ ELIZABETHTOWN ..... KY
146.3850 / 146.9850
K4KNS AUGUSTA ..... GA
KC4ZGN ELLIJAY/STALONA M.....77.0 GA
KN4FE WARM SPRINGS ..... GA
N5LRQ COLLINS .....136.5 MS
KB5DMT SENATOBIA ..... MS
K4OGB ALBEMARLE ..... NC
KC4PRD NASHVILLE ..... TN
W4CA ROANOKE/POOR MT ..... VA
KF8LL NEW MARTINSVILE ..... WV
146.4000 / 147.0000
K5UFH CORINTH ..... MS
N5DXM WATER VALLEY ..... MS
WD4FWO JACKSONVILLE ..... NC
N0WFL BLYTHWOOD ..... SC
W4YLT MARION ..... SC
WB4YXZ PICKENS ..... SC
WA4HMT SUFFOLK .....100.0 VA
K8WMX ST ALBANS ..... WV
147.6000 / 147.0000
WW4T BOGART ..... GA
KE4LR SHELBYVILLE ..... KY
KG4M WILLIAMSBURG ..... KY
W5IQ JACKSON ..... MS
WW4DC THOMASVILLE .....88.5 NC
WA4CBX BLOUNTVILLE ..... TN
WD4SGA CLARKSVILLE ..... TN
KA6UHV COLLEGEDALE ..... TN
W4ZJM MEMPHIS *# ..... TN
KD8ZR TERRA ALTA ..... WV
146.4150 / 147.0150
N4GIS CARTERSVILLE ..... GA
N4YSB YADKINVILLE ..... NC
AB4M HUNTSVILLE .....131.8 VA
K4AXO NORTON/HIGH KNOB.....88.5 VA
147.6150 / 147.0150
KM4DT BONAIRE .....82.5 GA
KF4UM HINESVILLE ..... GA
AD4RU IRVINE ..... KY
N5JHK MONTICELLO ..... MS
KF4OGO LINCOLNTON ..... NC
KD4MYE RALEIGH ..... NC
KJ4ZQ NASHVILLE ..... TN
AA4KS RCKWD/MT ROSVLT ..... TN
KF5SCT UNION CITY .....107.2 TN
AA8TH RICHWOOD ..... WV
146.4300 / 147.0300
K4YTZ ROCK HILL ..... SC
WA4JST RICHMOND ..... VA
147.6300 / 147.0300
W4REI ATLANTA/AIRPORT ..... GA
KD4ULE HOPKINSVILLE .....103.5 KY
W4PJZ LOUISVILLE .....151.4 KY
W5LDD OCEAN SPRINGS ..... MS
W4GG GREENSBORO .....131.8 NC
KB4DJT ROANOKE RAPIDS ..... NC
KF4CVO BARNWELL .....156.7 SC
K4NMB #N. MYRTLE BEACH ..... SC
W4BV FAYETTEVILLE ..... TN
W4EM MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KC8IT MULLENS ..... WV
146.4450 / 147.0450
K4AIH ANDRWS/ROBNSVL .....151.4 NC
147.6450 / 147.0450
KE4ZRT DOUGLAS .....141.3 GA
KD4AOZ WATKINSVILLE ..... GA
KJ4VF GRETHEL ..... KY
KE4OOS PARIS .....141.3 KY

KA5SBK JACKSON .....100.0 MS
K5JMD MCCOMB ..... MS
W4DLH BURGAW ..... NC
WA4IZG BUTNER .....156.7 NC
W4BFB CHARLOTTE ..... NC
W4ACY MANTEO/WANCHES ..... NC
AC4NZ MOUNT AIRY .....100.0 NC
KF4CDR CHARLESTON ..... SC
W4IQQ GREENVILLE .....7 SC
WB4GBI KNOXVILLE ..... TN
N4BSM MEMPHIS .....107.2 TN
K4UMI HAMPTON ..... VA
W4ZA RICHMOND ..... VA
KD8AB FENWICK ..... WV
W8CWO WEIRTON ..... WV
146.3550 / 146.9550
K5PRE BLAIRSVILLE ..... GA
KD4WQU #MONROE ..... GA
WR4MG PERRY .....107.2 GA
KF4BRO FLEMINGSBURG .....107.2 KY
KC5OB ISOLA ..... MS
KD4WAR BURNSVILLE ..... NC
K4RNC ROCKINGHAM ..... NC
NT4L #NASHVILLE .....114.8 TN
WZ8E BLUEFIELD/ONEIDA ..... VA
146.3700 / 146.9700
K4CLJ ATLANTA ..... GA
W4HBB SAVANNAH ..... GA
K4DPP #HENDERSON ..... KY
W8PRH STANTON ..... KY
N5PH PASCAGOULA ..... MS
N5EYM WINONA ..... MS
N4XRY MOUNT AIRY ..... NC
K4WGG SMITHFIELD ..... NC
N4AW ANDERSON ..... SC
W4GEY FLORENCE ..... SC
W4TRC KNGSPT/BAYS MT ..... TN
WD4MWQ MCMINNVILLE ..... TN
WA4FWK MEDINA ..... TN
W4SKH OAK RIDGE ..... TN
W4WRN STAUNTON ..... VA
WA4KXV VIRGINIA BEACH ..... VA
KJ8E LOGAN/WRD RK MT ..... WV
N8NBL PARKERSBURG (OH)..... WV
146.3800 / 146.9800
W4BEJ ELIZABETHTOWN ..... KY
146.3850 / 146.9850
K4KNS AUGUSTA ..... GA
KC4ZGN ELLIJAY/STALONA M.....77.0 GA
KN4FE WARM SPRINGS ..... GA
N5LRQ COLLINS .....136.5 MS
KB5DMT SENATOBIA ..... MS
K4OGB ALBEMARLE ..... NC
KC4PRD NASHVILLE ..... TN
W4CA ROANOKE/POOR MT ..... VA
KF8LL NEW MARTINSVILE ..... WV
146.4000 / 147.0000
K5UFH CORINTH ..... MS
N5DXM WATER VALLEY ..... MS
WD4FWO JACKSONVILLE ..... NC
N0WFL BLYTHWOOD ..... SC
W4YLT MARION ..... SC
WB4YXZ PICKENS ..... SC
WA4HMT SUFFOLK .....100.0 VA
K8WMX ST ALBANS ..... WV
147.6000 / 147.0000
WW4T BOGART ..... GA
KE4LR SHELBYVILLE ..... KY
KG4M WILLIAMSBURG ..... KY
W5IQ JACKSON ..... MS
WW4DC THOMASVILLE .....88.5 NC
WA4CBX BLOUNTVILLE ..... TN
WD4SGA CLARKSVILLE ..... TN
KA6UHV COLLEGEDALE ..... TN
W4ZJM MEMPHIS *# ..... TN
KD8ZR TERRA ALTA ..... WV
146.4150 / 147.0150
N4GIS CARTERSVILLE ..... GA
N4YSB YADKINVILLE ..... NC
AB4M HUNTSVILLE .....131.8 VA
K4AXO NORTON/HIGH KNOB.....88.5 VA
147.6150 / 147.0150
KM4DT BONAIRE .....82.5 GA
KF4UM HINESVILLE ..... GA
AD4RU IRVINE ..... KY
N5JHK MONTICELLO ..... MS
KF4OGO LINCOLNTON ..... NC
KD4MYE RALEIGH ..... NC
KJ4ZQ NASHVILLE ..... TN
AA4KS RCKWD/MT ROSVLT ..... TN
KF5SCT UNION CITY .....107.2 TN
AA8TH RICHWOOD ..... WV
146.4300 / 147.0300
K4YTZ ROCK HILL ..... SC
WA4JST RICHMOND ..... VA
147.6300 / 147.0300
W4REI ATLANTA/AIRPORT ..... GA
KD4ULE HOPKINSVILLE .....103.5 KY
W4PJZ LOUISVILLE .....151.4 KY
W5LDD OCEAN SPRINGS ..... MS
W4GG GREENSBORO .....131.8 NC
KB4DJT ROANOKE RAPIDS ..... NC
KF4CVO BARNWELL .....156.7 SC
K4NMB #N. MYRTLE BEACH ..... SC
W4BV FAYETTEVILLE ..... TN
W4EM MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KC8IT MULLENS ..... WV
146.4450 / 147.0450
K4AIH ANDRWS/ROBNSVL .....151.4 NC
147.6450 / 147.0450
KE4ZRT DOUGLAS .....141.3 GA
KD4AOZ WATKINSVILLE ..... GA
KJ4VF GRETHEL ..... KY
KE4OOS PARIS .....141.3 KY

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KB5LCL POLKVILLE .....141.3 MS
KC4DBZ #COOL SPRINGS ..... NC
W4NHV LUMBERTON ..... NC
WD4OZN BOLIVAR ..... TN
N2UP LIVINGSTON ..... TN
KE4CKJ STAUNTON/EL. KB .....131.8 VA
WA4SBC VIRGINIA BEACH ..... VA
146.4600 / 147.0600
W4CQ CHARLOTTE ..... NC
KF4AGO SOUTH BOSTON ..... VA
KA8PNC PRINCETON ..... WV
147.6600 / 147.0600
WA4DDI MACON ..... GA
N4CLA ROSWELL ..... GA
W4UCJ THOMASVILLE ..... GA
K4LOL BOWLING GREEN .....156.7 KY
W4NJA PADUCAH ..... KY
AF4ME SAND GAP .....100.0 KY
WA4LED MACO ..... NC
KB4UG GRNVLE/VIKING MT ..... TN
WA4MQQ MEMPHIS ..... TN
WB4VWR ENON .....107.2 VA
N8ZAR BUCKHANNON .....123.0 WV
147.6700 / 147.0700
N4NMC LOUISVILLE .....151.4 KY
146.4750 / 147.0750
NM8T SMITHERS ..... WV
147.6750 / 147.0750
W4GR LAWRENCEVILLE .....82.5 GA
WB4CJB PEMBROKE ..... GA
N4TLP OWINGSVILLE ..... KY
NC5Y JACKSON ..... MS
K4CCR NEWTON .....88.5 NC
KD4JFN PITTSBORO .....107.2 NC
KT4BU EASTOVER .....156.7 SC
WQ4E GREENBRIER .....107.2 TN
WB4GBI KNOXVILLE ..... TN
KF4SCT MCNAIRY .....107.2 TN
AD4ZK NORFOLK ..... VA
W4PNT WAYNESBORO ..... VA
KE8MR MORGANTOWN .....103.5 WV
147.6900 / 147.0900
KE4RWR BAINBRIDGE ..... GA
KC4YHM EATONTON .....179.9 GA
KF4CWK DAWSON SPRINGS .....103.5 KY
KJ4YK PHELPS ..... KY
KB5DSN AMORY ..... MS
N5MRS NEW HEBRON ..... MS
WB5FXH #SUMNER ..... MS
W4GDF GREENVL/ESTN NC ..... NC
KF4ATU ORANGEBURG .....156.7 SC
K4JLA SPARTANBURG ..... SC
AD4QG EVA ..... TN
K4NLP JAMESTOWN .....100.0 TN
W4GMM MEMPHIS .....107.2 TN
W4GRC GALAX&RIRP MT ..... VA
N4TZE GOOCHLAND ..... VA
146.5050 / 147.1050
KE4GUA NO. COLUMBIA .....156.7 SC
147.7050 / 147.1050
WB4RTH ATLANTA .....77.0 GA
NC4D STATESBORO ..... GA
N4EQT FRANKFORT .....107.2 KY
K9ZK #HAWESVILLE ..... KY
KB5SAR WAYNESBORO ..... MS
K4ITL BROADWAY ..... NC
WA4KNI HENDERSONVILLE ..... NC
KD4NEC CLEVELAND ..... TN
K4TC HENDERSON ..... TN
W4LYR LEBANON .....100.0 TN
147.7200 / 147.1200
W4CMA CEDARTOWN ..... GA
KT4N #LINCOLNTON ..... GA
KA4KMT #LOUISVILLE ..... KY
WB4ASZ WINCHESTER ..... KY
NO5N ACKERMAN ..... MS
WN4Z ROCKY MOUNT .....131.8 NC
W4QS MYRTLE BEACH ..... SC
W4GGM COLUMBIA ..... TN
K4EAJ OAK RIDGE .....82.5 TN
WB8POC PATRICK SPRINGS .....107.2 VA
WB8DKM BRIDGEPORT ..... WV
WB8NAM MADISON ..... WV
147.7350 / 147.1350
N4BZJ DALTON .....100.0 GA
KB0Y LAKE PARK .....141.3 GA
K4FRM MILLEDGEVILLE .....123.0 GA
KF4SZK FRANKLIN .....136.5 KY
KB5UIN VOSSBURG .....136.5 MS
K4HXZ BREVARD ..... NC
WA4US WILMINGTON ..... NC
KF4GPE CHESTERFIELD ..... SC
WB4EDS ALAMO ..... TN
N4AZJ PEARISBURG .....100.0 VA
KC4VDZ RICHMOND .....107.2 VA
KE8MR DAVIS .....103.5 WV
147.7500 / 147.1500
K4BYK CUMMNG/SAWNE MT ..... GA
KI5WI BOONEVILLE ..... MS
KF5IZ PEARL/RANKIN CO .....88.5 MS
K4VLY MORGANTON ..... NC
WB4TQD RALEIGH ..... NC
WD4NUN MONCKS CORNER ..... SC
WA4PCD NASHVILLE WEST .....114.8 TN
K4EAJ OAK RIDGE .....82.5 TN
KB4RFN CLINCHCO .....88.5 VA
KM4FY #RICHLANDS ..... VA
WA8YWO RICHWOOD .....100.0 WV
147.7650 / 147.1650
WD4LYT FAYETTEVILLE ..... GA
KF4XH #MACON ..... GA
N4NEQ MORGANTON ..... GA
W4WSM BOWLING GREEN ..... KY
WA4HBM LEXINGTON ..... KY
WB4UBY PRESTONSBURG ..... KY

W4UA HIGH POINT ..... NC
KD4PBK LUMBERTON .....88.5 NC
W4GWD GREENWOOD .....107.2 SC
KF4BRS ERWIN/UNICOI ..... TN
WA4CEX PURYEAR ..... TN
KR4BT SPARTA/WHITE .....123.0 TN
W8CXD FOREST .....114.8 VA
W4CM NEWPORT NEWS ..... VA
WC8K WESTON ..... WV
147.7800 / 147.1800
N4BMA AUGUSTA ..... GA
WD4NHW BALDWIN ..... GA
WB4BDP WARNER ROBINS ..... GA
K4LRX HENDERSON .....141.3 KY
KE4ZJT LONDON .....151.4 KY
W4CN LOUISVILLE ..... KY
K5LFP PICAYUNE ..... MS
KC5LIO WEST POINT ..... MS
WA1YYN EFLAND .....156.7 NC
AC4RC WILMINGTON .....88.5 NC
W4DXA #FORT MILL ..... SC
WA4HNK SUMMERVILLE ..... SC
WD4DES CLEVELAND .....118.8 TN
WA4KOG MEMPHIS ..... TN
K4ZGA NASHVILLE .....114.8 TN
KB4YKV AMELIA COURTHSE ..... VA
WD4ITN MONTEREY .....100.0 VA
WB3S PKS KB/PULASKI .....103.5 VA
147.7950 / 147.1950
K4JPD ATLANTA ..... GA
W4UCJ BOSTON ..... GA
KJ4VF LEXINGTON ..... KY
KA5FYW SUMRALL ..... MS
N4NIN BLEDSOE ..... NC
KO4CW RALEIGH .....88.5 NC
W4APE FLORENCE ..... SC
KC4FV ARNOLD A.F.B. ..... TN
KD4CWB KNOXVILLE .....100.0 TN
WA4RTS LYNCHBURG .....136.5 VA
KF4ADJ SMITHFIELD .....100.0 VA
NV8H LOGAN SOUTH .....100.0 WV
147.8100 / 147.2100
KF4GHF CONYERS .....162.2 GA
K4LNX SAVANNAH ..... GA
KB4DFK BLACK MOUNTAIN .....103.5 KY
N5SPJ UNION .....100.0 MS
W4BUZ GREENSBORO ..... NC
W4NTQ WHITEVILLE ..... NC
K4AVU LITTLE MT. ..... SC
N4WS COOKEVILLE ..... TN
WF4Q JACKSON .....107.2 TN
KB8NJH AMBER RIDGE .....107.2 WV
N8FMD CLARKSBURG .....103.5 WV
147.8250 / 147.2250
W4RLP SUMMERVILLE ..... GA
W4CMR #IRVINE ..... KY
N4DRL BYHALIA ..... MS
WR4AGC HILLSBOROUGH ..... NC
W4DTW SANTEE ..... SC
KC4VHQ WAVERLY ..... TN
KC4VHQ WAVERLY ..... TN
KA4VXR HAMPTON .....136.5 VA
WB8NRK PRINCETON .....114.8 WV
147.8400 / 147.2400
AE4JO EMERSON .....103.5 GA
WB4NFG IRWINTON .....77.0 GA
KC4QK ASHLAND .....107.2 KY
W4GZ FARMINGTON ..... KY
KC4AI FRANKFORT .....100.0 KY
KF4TLT HYDEN .....186.2 KY
N5ELS TUPELO ..... MS
W2SE CARTHAGE ..... NC
W4SIJ FOREST CITY .....123.0 NC
W4ILN HILTON HEAD ..... SC
AC4VT LANCASTER .....88.5 SC
W4LKZ GALLATIN .....114.8 TN
KD4ZTK BOYDTON ..... VA
N4MQG ELK CRK/IRON MTN .....107.2 VA
147.8550 / 147.2550
WD4KDT STONE MTN ..... GA
AE4PO WAYCROSS .....141.3 GA
N4IOX #DIXON ..... KY
K4CO HIGHLAND HEIGHTS .....123.0 KY
KC5RC LAUREL ..... MS
KJ4AV ASHEBORO ..... NC
WA4KNI HENDSVL/PENIC/MT ..... NC
W4RRC LEESVILLE .....123.0 SC
N4PYI NASHVILLE .....110.9 TN
KJ4SI PETROS/FRZ HD MT .....94.8 TN
K4BW ACCOMAC .....156.7 VA
KC8CNL HINTON .....100.0 WV
WA8LLM PARKERSBURG ..... WV
147.8700 / 147.2700
WA1KMS COVINGTON .....127.3 GA
WB4EJK LOUISVILLE .....151.4 KY
KE4AIE ST. CHARLES ..... KY
WB5USN ABERDEEN ..... MS
K5ZRO VICKSBURG .....100.0 MS
W4OQ CHARLOTTE ..... NC
AK4H RALEIGH BENSON .....100.0 NC
N4SM WAYNESVILLE ..... NC
W4ANK CHARLESTON AREA ..... SC
WA4JRJ SENECA/LONG MT ..... SC
WA4YQC GALLATIN .....114.8 TN
WB0TMC JACKSON ..... TN
KE4FH JOHNSON CITY ..... TN
WB4IKL GUM SPRING ..... VA
KB4QWO ROANOKE/POOR MT ..... VA
WV9AR SCOTT DEPOT .....123.0 WV
147.8850 / 147.2850
WA4VBX ATLANTA/GPCO ..... GA
W4PVW CHULA .....103.5 GA
KC4WWU KINGSLAND .....118.8 GA
KC4ZFH LONDON ..... KY
KB5TGA CORINTH ..... MS

N4ADM AIKEN ..... SC
N4LV MYB BCH/BRKSVIL ..... SC
W4RCW #WHITE OAK MTN ..... SC
KF4JPT PIKEVILLE ..... TN
KF4KVG MARTINSVILLE .....107.2 VA
KA4ZIP WARSAW ..... VA
W8LG PINEVILLE ..... WV
N8HON SPRUCE KNOB ..... WV
147.9000 / 147.3000
N4ALE COLBERT ..... GA
WB4YSV ROME ..... GA
WR4MG WARNER ROBINS .....107.2 GA
K4ICN ALLEN .....123.0 KY
WA4SJH SPRINGFIELD ..... KY
KA5LNY MAGEE ..... MS
KK4X JEFFERSON .....103.5 NC
W4MZP RED SPRINGS ..... NC
K4LWS AWENDAW .....103.5 SC
W4CAT GALLATIN .....114.8 TN
W4BBB KNOXVILLE/RACK .....100.0 TN
WA4ADT MEMPHIS ..... TN
K4SPS FRANKLIN .....131.8 VA
KI4ZR LEXINGTON ..... VA
WB8NSL HARISVL/PENSBRO ..... WV
147.9150 / 147.3150
KR4KS #NORTH ATLANTA .....100.0 GA
KC4TX #HODGENVILLE ..... KY
KC4VXR SALEM ..... KY
N5DWU WAYNESBORO ..... MS
K4MPJ SAURATOWN MT .....100.0 NC
K4PPD SHALLOTTE ..... NC
W4UZT N. SPARTANBURG .....141.3 SC
N4ARK #MURFREESBORO .....114.8 TN
KD4HZN ROGERSVILLE .....114.8 TN
KT4EQ TELLICO PLAINS ..... TN
K4HWQ GRUNDY ..... VA
147.9300 / 147.3300
W3LAP COCHRAN .....77.0 GA
K4NLX SAVANNAH ..... GA
KA4DIP TOCCOA ..... GA
WA8KWH ASHLAND ..... KY
KA4CFW BOWLING GREEN ..... KY
WD4KNE MT. STERLING ..... KY
N5EPP PHILADELPHIA ..... MS
W4LPI FAYVLLE/FT BRAGG ..... NC
KN4K LENOIR/HIBRITN .....141.3 NC
KF4GHC COLUMBIA .....156.7 SC
KC4SBK ATOKA ..... TN
WD4ORB MORGAN COUNTY .....82.5 TN
KI4ZR LEXNGTN/ROCK MT. ..... VA
147.9450 / 147.3450
N4NEQ ATLANTA/MARIETTA .....118.8 GA
KF4TLT STINETT ..... KY
KG5SF GREENVILLE ..... MS
N5ZMZ UTICA ..... MS
WA4XIW MADISON .....103.5 NC
W4NYR SHELBY ..... NC
KF4DTL SYLVA .....151.4 NC
WA4TEP WASHINGTON ..... NC
N7GZT ADAMS RUN (CHAS) ..... SC
K4PHT DAYTON ..... TN
NM4L ABINGDON .....103.5 VA
N4WAO EASTVILLE .....156.7 VA
W3RUA FRANKLIN ..... WV
NU8K LOGAN/SUMERCO ..... WV
147.9600 / 147.3600
W4SCR STAUNTON/EL KNOB .....88.5 VA
WA4HZX DUBLIN ..... GA
KQ9Z LOUISVILLE ..... KY
W5CJR HATTIESBURG ..... MS
K5SVC NATCHEZ ..... MS
WA4J BOONE/RICH MTN ..... NC
WD4LDB DURHAM ..... NC
W4PET LUMBERTON ..... NC
W4BS MEMPHIS .....107.2 TN
K4KLX PARIS ..... TN
KA4CBB CHESTERFIELD ..... VA
KB4OLM STUARTS DRAFT ..... VA
N8FWL BECKLEY .....123.0 WV
KC8GXI MIDDLEBOURNE .....110.9 WV
147.9750 / 147.3750
K4TQU ATHENS/CRAWFRD ..... GA
KB4VAK LAFAYETTE .....77.0 GA
N4TPL MONTICELLO .....100.0 KY
K4CO WALTON ..... KY
KA5VFU GULFPORT ..... MS
KD4WAR BURNSVILLE ..... NC
K4GWH GRAHAM .....114.8 NC
KC4UMO #GREENVILLE ..... NC
KI4CB GEORGETOWN .....179.9 SC
K4LEO GREENVILLE ..... SC
KN4HL DICKSON ..... TN
W4NV VIRGINIA BEACH ..... VA
WD8LNB GRAFTON ..... WV
147.9900 / 147.3900
W4MMQ HELEN ..... GA
W4OHH THOMASTON ..... GA
KE4INT BARBOURVILLE .....107.2 KY
WR8CRA COVINGTON ..... KY
KF4TQL CRESTWOOD .....151.4 KY
N8QCW LOUISA .....186.2 KY
KC5QHP FOREST .....100.0 MS
WA4CHZ AQUADALE ..... NC
WA4QBG EDEN/STONEVILLE ..... NC
K4PPD SHALLOTTE ..... NC
KE4JMH WAYNESVILLE ..... NC
KA4FEC LEXINGTON ..... SC
KF4L #CLARKSVILLE ..... TN
K4DPD DAYTON/RHEA CTY ..... TN
KQ4E #MORRISTOWN ..... TN
WA4BJY OAKFIELD ..... TN
K4ARO PETERSBURG ..... VA
N8RCG KEYSER .....123.0 WV
WV8D LEWISBURG .....100.0 WV
WD8CYV PARKERSBURG .....141.3 WV

220 MHZ

222.3000 / 223.9000
WB4SJV HERMITAGE ..... TN
222.3400 / 223.9400
KC4QK ASHLAND ..... KY
W4ZJM MEMPHIS .....*# TN
222.3600 / 223.9600
WR3S #SHORT MTN ..... TN
WR3S SMITHVILLE ..... TN
222.3800 / 223.9800
W4CAT GALLATIN ..... TN
222.4600 / 224.0600
W4NYR SHELBY ..... NC
222.5000 / 224.1000
KA4UHL NANCY .....100.0 KY
N4CH ROANOKE ..... VA
222.5200 / 224.1200
N4NFP ATLANTA/MARIETTA .....118.8 GA
WM4MD MIDDLESBORO .....82.5 KY
WV8B FLAT TOP/WINTRPL ..... WV
222.5400 / 224.1400
KD4ALC WALESKA ..... GA
KB5SAR WAYNESBORO ..... MS
WR4BEG GREENSBORO ..... NC
WB4QHF PICKENS/CSRS HD .....131.8 SC
KB4PNG ONEIDA ..... TN
KB4YQC CHARLOTTESVILLE .....88.5 VA
WR8M WILLIAMSON ..... WV
222.5600 / 224.1600
KN4K LENOIR/HIBRITN ..... NC
WR3S NASHVILLE ..... TN
222.5800 / 224.1800
N4YDX DALLAS ..... GA
KB8FPK ERWIN .....88.5 TN
WA1ZMS BEDFORD/APL ORCH .....100.0 VA
222.6000 / 224.2000
KC4OVY ATLANTA-NE .....100.0 GA
AA4UA AUGUSTA ..... GA
WA4US WILMINGTON ..... NC
W4ILY GREENVILLE ..... SC
WA4CBX BLOUNTVILLE ..... TN
KB4YTU BROWNSVILLE ..... TN
W4JAS HAMPDEN-SYDNEY ..... VA
WB4GUG STUART .....107.2 VA
222.6200 / 224.2200
N4NEQ ATLANTA/MARIETTA ..... GA
AD4CR VERSAILLES ..... KY
NF4C ROCKY MOUNT ..... NC
KB4FZK KNXVL/CROSS MT .....100.0 TN
KO4BN SPRINGFIELD ..... TN
222.6400 / 224.2400
N4YVD FT MT/CHATSWTH .....71.9 GA
WA4KNI HENDSVL/BERWLW ..... NC
KE4QOX KVILLE/HIPOINT .....107.2 NC
N8FWL BECKLEY .....123.0 WV
222.6600 / 224.2600
KE4QFG MARIETTA ..... GA
WA4BVW ASHVL/MT PISGAH ..... NC
WR4AGC HILLSBOROUGH ..... NC
N4PYI SHORT MTN. .....114.8 TN
222.6800 / 224.2800
AB4M LYNCHBURG ..... VA
222.7000 / 224.3000
KA4MKT LOUISVILLE ..... KY
N4AI SOMERSET ..... KY
WA4WRS BARIUM SPRINGS ..... NC
KE4CKJ STAUNTON/EL KNOB .....131.8 VA
222.7200 / 224.3200
N4MTA ACWORTH/ATL .....123.0 GA
KA4SQN JACKSONVILLE ..... NC
AJ4N PICKENS/SASFR MT ..... SC
N4RAG BUCK'S ELBOW .....131.8 VA
222.7400 / 224.3400
W4DOC #ATLANTA .....146.2 GA
WW4DC THOMASVILLE .....88.5 NC
WB4GBI KNOXVILLE ..... TN
222.7600 / 224.3600
N4BZJ DALTON ..... GA
WB4PAC #GRTMESLAND ..... NC
KA4TYO MARSHALL ..... NC
WR3S LAVERGNE ..... TN
WB8YST CHARLESTON .....107.2 WV
222.7800 / 224.3800
N4RBT CLEVELAND ..... GA
N4OQJ KNOXVILLE .....100.0 TN
AA4QT RIDGEWAY ..... VA
222.8000 / 224.4000
W4BFB CHARLOTTE ..... NC
WB4QHF PICKENS .....131.8 SC
KB4YGI COLLIERVILLE ..... TN
222.8200 / 224.4200
KD4AOZ WATKINSVILLE ..... GA
AC4AO LEXINGTON ..... KY
W4BS MEMPHIS ..... TN
WD4GSM NORTON/HIGH KNOB ..... VA
KC4J PATRICK SPRINGS .....103.5 VA
222.8400 / 224.4400
N4NEQ ATL/MARIETTA .....118.8 GA
WB4GUG GREENSBORO ..... NC
KC4TFQ #NASHVILLE ..... TN
222.8600 / 224.4600
N4BZJ DALTON .....118.8 GA
W4ABP GAINESVILLE ..... GA
KB0Y VALDOSTA .....141.3 GA
KC4ZTJ SHELBY ..... NC
222.8800 / 224.4800
KE4IPX NORCROSS ..... GA
W4DEX LOCUST ..... NC
K4ZGA NASHVILLE ..... TN
KD4HZN ROGERSVILLE ..... TN
222.9000 / 224.5000
N4MTA ACWORTH/ATL .....123.0 GA
W4FND SHEPHERDSVILLE .....151.4 KY
N4DRL BYHALIA ..... MS
K4YNY WILMINGTON .....88.5 NC

W4BBB KNOXVILLE/RACK .....100.0 TN
K4RCA MARTINSVILLE ..... VA
222.9200 / 224.5200
KE4AIS PINE LOG MTN ..... GA
KR4HJ LEXINGTON .....107.2 NC
K4RWN LITTLE MTN ..... SC
WM4MD JONESVILLE .....100.0 VA
222.9400 / 224.5400
N4YEA DALLAS ..... GA
WA4BVW MT MITCHELL ..... NC
N8ITF GREENBRIER ..... TN
WB4PVT HAMPTON .....100.0 VA
222.9600 / 224.5600
W4DOC ATLANTA .....146.2 GA
KD4RXF LANCASTER ..... KY
WB4YZF FAYETTEVILLE ..... NC
KC4GYM COLUMBIA ..... SC
AC4JF NEWPORT .....100.0 TN
222.9800 / 224.5800
NX9O ALPHARETTA .....100.0 GA
KR4AA ROCKY MOUNT ..... NC
WA4RQF #WINSTON-SALEM ..... NC
N4KFI KNOXVILLE .....103.5 TN
223.0000 / 224.6000
N4GIS CARTERSVILLE ..... GA
WB4PLA ASHEVILLE ..... NC
KC4KUL HIGH POINT ..... NC
WA4HMT LAKE GASTON ..... VA
223.0200 / 224.6200
W4PME ATLANTA/BELL ..... GA
KD4DAR PIKEVILLE ..... KY
KD4JFN HAW RIVER .....107.2 NC
W4GSF GLOUCESTER ..... VA
223.0400 / 224.6400
WB6RTH #LOGANVILLE ..... GA
WA4PEN RALEIGH ..... NC
WA4RQF WINSTON-SALEM ..... NC
KC4RGQ MORRISTOWN ..... TN
223.0600 / 224.6600
W4BKM MACON ..... GA
WA1YYN EFLAND .....107.2 NC
N4LV SUNSET BEACH ..... NC
WR3S NASHVILLE ..... TN
223.0800 / 224.6800
N4BZJ DALTON ..... GA
KA4RCL WAYNESBORO .....131.8 VA
223.1000 / 224.7000
W4TIY DALLAS ..... GA
KM4TC DUNCAN .....88.5 NC
KD4IBW SEVIERVILLE .....100.0 TN
K4ARO PETERSBURG ..... VA
223.1200 / 224.7200
WA4DAN TRENTON ..... NC
223.1400 / 224.7400
N4KVC DALTON ..... GA
N4NCK OXFORD ..... NC
N4PYI NASHVILLE .....100.0 TN
KC4JGC NORFOLK .....100.0 VA
223.1600 / 224.7600
W4BOC STONE MT ..... GA
KB7BTU PLYMOUTH ..... NC
W4EXU SALISBURY ..... NC
WG4E GREENBRIER ..... TN
KF4PCK KNOXVILLE ..... TN
KD4IBW MOORESBRG/SNED ..... TN
WA4TFZ CHARLOTTESVILLE ..... VA
223.1800 / 224.7800
WB5OWY VICKSBURG ..... MS
WA4WGY EDEN .....103.5 NC
K4VCM CHATTANOOGA ..... TN
KE4FH JC/BUFFALO MT ..... TN
WA4KOG MEMPHIS ..... TN
223.2000 / 224.8000
KR4BD LEXINGTON ..... KY
KD4WJD ZEBULON .....88.5 NC
WG4E GREENBRIAR ..... TN
KD4IBW SEVIERVILLE ..... TN
223.2200 / 224.8200
KK4C ATLANTA ..... GA
WR4MG HAWKINSVILLE .....107.2 GA
N4DWU CANTON ..... NC
KD4LHP KVILLE/HIPOINT .....107.2 NC
223.2400 / 224.8400
WB6RTH #ALPHARETTA ..... GA
WR4MG WARNER ROBINS ..... GA
WA4DAN GRIFTON ..... NC
KC4PRD NASHVILLE ..... TN
N4PLV BEDFORD ..... TN
223.2600 / 224.8600
KQ4Q PEARISBURG ..... VA
223.2800 / 224.8800
WD4LUQ YORKVILLE .....77.0 GA
N4AI SOMERSET ..... KY
N4DRL WARSAW ..... MS
K4AIH ANDRWS/ROBINSVL ..... NC
K4DQ FANCY GAP .....100.0 VA
223.3000 / 224.9000
W4LMA MARIETTA ..... GA
WD4SBX GRAY ..... TN
WD9JGI SWEETWATER ..... TN
AA4HQ DELTAVILLE ..... VA
K4YDG ROANOKE/TINKER ..... VA
223.3200 / 224.9200
KR4KS SNELLVILLE ..... GA
W4NYK GRNVL/DOWNTWN .....88.5 SC
N8LGA BLUEFIELD ..... VA
223.3400 / 224.9400
WB4KXO AUGUSTA ..... GA
N4GIS WALESKA ..... GA
AD4RU IRVINE ..... KY
WB4NKM GREENEVILLE ..... TN
AB4EM ROANOKE/CAHAS MT ..... VA
223.3600 / 224.9600
PT2RFL ATLANTA/MARIETTA .....100.0 GA
KC4ZTJ CHERRYVILLE ..... NC

W3CH GOLDSBORO .....156.7 NC
N4QVI GREENSBORO ..... NC
440 MHz
434.0000 / 421.2500
W4ZTL ATLANTA/BELL ..... GA
K4NLX SAVANNAH ..... GA
KJ4SO DURHAM TV HILL ..... NC
KO4AT GREENSBORO ..... NC
KD4JGV JOHNSON CITY/BUF..... TN
WA4GSS HUNTINGTON ..... WV
KB8QHO WHEELING ..... WV
439.2500 / 421.2500
W4BEJ ELIZABETHTTOWN ..... KY
N4XND GLOUCESTER ..... VA
W4HTB BOWLING GREEN ..... KY
KA5NOJ GAUTIER ..... MS
N3XA WAYNESBORO ..... VA
WA4VHP SAVANNAH ..... GA
W4NYR #SHELBY ..... NC
438.7750 / 433.0750
WA3KOK CHESTERFIELD ..... VA
426.2500 / 439.2500
N4FHL ROANOKE/POOR MT. ..... VA
446.3500 / 441.3500
WA4USN KNIGHTSVILLE ..... SC
446.4500 / 441.4500
WA4USN MT. PLEASANT ..... SC
446.7000 / 441.7000
N4ZHC CLINTON .....131.8 NC
446.8000 / 441.8000
KC4YNF ACWORTH .....77.0 GA
446.9000 / 441.9000
K4ZAD CARY .....136.5 NC
447.0000 / 442.0000
WB6RTH ALPHARETTA ..... GA
KF4BTL MARYVILLE ..... TN
WA4HMT GASBURG ..... VA
WB3T WYTHE/WALKER MT .....103.5 VA
447.0250 / 442.0250
WA4NMF ATLANTA .....100.0 GA
447.0500 / 442.0500
N1KCO MARIETTA .....107.2 GA
KD4ADJ LEXINGTON ..... KY
WA1YYN EFLAND .....107.2 NC
KD4XVJ JASPER .....127.3 TN
WB4SQC JOHNSON CITY/HOL .....100.0 TN
WA4BJY MEDINA ..... TN
447.0250 / 442.0750
W8BLA ROSWELL ..... GA
447.0750 / 442.0750
N4VOS STANTON ..... KY
N5DWU MONTICELLO ..... MS
KD4JYV UWHARRIE ..... NC
KC4GYM COLUMBIA .....156.7 SC
KN4VY DAYTON ..... TN
447.1000 / 442.1000
N4RBL LOUISVILLE AREA ..... KY
KF4TMP LEWISBURG .....107.2 TN
WD4PAX MILAN ..... TN
447.1250 / 442.1250
KF4FOF .....
KF4FOF PICKENS ..... SC
KB4YFV HILLSVILLE .....103.5 VA
447.1500 / 442.1500
N4SE ROSWELL/BELL ..... GA
KD4RTR DORTON ..... KY
W4UNC CHAPEL HILL ..... NC
WJ3J CHATTANOOGA ..... TN
KA4BNI DRESDEN .....107.2 TN
KD4SUU CHESTERFIELD ..... VA
447.1750 / 442.1750
N4BZJ DALTON .....118.8 GA
K4NGQ FRANKFORT .....67.0 KY
WA4US WILMINGTON ..... NC
447.2000 / 442.2000
N3APR DECATUR ..... GA
N5DWU ELLISVILLE .....167.9 MS
KS4SB COLFAX ..... NC
WA4JIS WILMINGTON ..... NC
KD4YUX BETHPAGE .....107.2 TN
WD4SBX GRAY .....100.0 TN
WA4BJY OAKFIELD ..... TN
N4IFC LYNCHBURG/T.ROW .....103.5 VA
447.2250 / 442.2250
WB6RTH #ATLANTA .....77.0 GA
WJ9J RCKWOOD/OZONE ..... TN
KC4VHQ WAVERLY .....110.9 TN
WB4GUG STUART .....107.2 VA
447.2500 / 442.2500
KR4KS #NORTH ATLANTA .....100.0 GA
N5DWU ELLISVILLE .....167.9 MS
KB4PQA GREENVILLE ..... SC
WD4DES CLEVELAND .....118.8 TN
WA4HTI COVINGTON ..... VA
447.2750 / 442.2750
K4DDH MACON .....100.0 GA
K4NGQ #FRANKFORT ..... KY
N4ZCM AUBURN ..... NC
KF4CFO ETOWAH .....141.3 TN
KE4PFW HENDERSON ..... TN
447.3000 / 442.3000
KC4QPR MORG. WALKER TOP..... NC
KE2D SUMMERVILLE ..... SC
WA4UCE COOKEVILLE .....107.2 TN
KC4VDZ RICHMOND .....114.8 VA
447.3250 / 442.3250
W4JLG MABLETON ..... GA
K4JBV INDEPENDENCE .....100 KY
WM4MD MIDDLESBORO .....67.0 KY
N5DWU ELLISVILLE ..... MS
WD4ICX ASHEBORO ..... NC
447.3500 / 442.3500
WD4NHW BALDWIN ..... GA
KF5TU LAKE GASTON .....100.H NC
WA4YGD LINCOLNTON ..... NC

447.3750 / 442.3750
KE4QFG MARIETTA ..... GA
KE4YRE SHELBYVILLE ..... KY
W4RNR SANFORD ..... NC
WA4PXV WEST JEFFERSON ..... NC
447.4000 / 442.4000
N4UER WARM SPRINGS ..... GA
AA4XV LATONIA ..... KY
KD4WJD ZEBULON ..... NC
WB4QHF PICKENS/CSRS HD .....127.3 SC
KF4YI LYNCHBG/JACK MT.....107.2 VA
447.4250 / 442.4250
KC4FIE MADISONVILLE ..... KY
N4TZD LEXINGTON ..... NC
447.4500 / 442.4500
NE1H SNELLVILLE ..... GA
KD4CLR LOUISVILLE AREA .....151.4 KY
WA4TOG HENDERSONVILLE ..... NC
N4LMR RALEIGH ..... NC
KD4NEB CLEVELAND .....88.5 TN
WA3KOK CHESTERFIELD .....107.2 VA
447.4750 / 442.4750
K4NVG LAVONIA .....203.5 GA
AI4L TRENTON .....67.0 GA
KE4DGP WILKESBORO .....107.2 NC
447.5000 / 442.5000
KE4PMP MT. VERNON .....88.5 GA
K4GFY MOREHEAD ..... KY
K4YNY WILMINGTON .....88.5 NC
WB4HAP KNOXVILLE .....103.5 TN
W4CA ROANOKE/POOR MT ..... VA
447.5250 / 442.5250
WB6TUF ATLANTA .....110.9 GA
KY4JD FORT WRIGHT .....123.0 KY
WB3T WYTHEVILLE .....103.5 VA
447.5500 / 442.5500
WD4ELX LOUISVILLE ..... KY
K1BUD PITTSBORO ..... NC
W4RAT RICHMOND .....127.3 VA
447.5750 / 442.5750
AE4LW MADISONVILLE .....100.0 KY
WB4IVB JONESVILLE .....100.0 VA
447.6000 / 442.6000
KD4CDN ZEBULON .....77.0 GA
WA4OKJ MARIETTA .....100.0 GA
KD4ADJ MT STERLING ..... KY
WD4NWV ANDRWS/ROBINSVL .....151.4 NC
N4SSB GALLATIN .....107.2 TN
K4ARO PETERSBURG ..... VA
K4ARO ROANOKE ..... VA
447.6250 / 442.6250
W4ABP GAINESVILLE .....131.8 GA
KE4KIV NEWTON ..... NC
WB4EPG MEMPHIS ..... TN
447.6500 / 442.6500
KE4FHN DANIELSVILLE ..... GA
AI4L LOOKOUT MTN .....146.2 GA
WA1ZMS BEDFORD/APL ORCH.....100.0 VA
447.6750 / 442.6750
KE4PVE ATLANTA .....100.0 GA
KD4BOH ROCKPORT ..... KY
KD4RAA RALEIGH .....100.0 NC
WA4MPZ #BLUFFTON ..... SC
447.7000 / 442.7000
KC4ZGN ELLIJAY .....77.0 GA
K4NLX SAVANNAH ..... GA
KE4ZBI ATOKA ..... TN
WA4PZN SHELBYVILLE ..... TN
W7CP ROANOKE/POOR MT. ..... VA
447.7250 / 442.7250
KE4QFG MARIETTA/ATL ..... GA
KB4YJ LOUISVILLE .....151.4 KY
N5LRQ VOSSBURG .....167.9 MS
WG4R GREENSBORO ..... NC
N4GLB SIMPSONVILLE ..... SC
447.7500 / 442.7500
WM4GB BAKERSVILLE ..... NC
WD4KZK ROANOKE/MILL MTN.....107.2 VA
447.7750 / 442.7750
K4VJM FLOWERY BRANCH ..... GA
KC4FIE MADISONVILLE ..... KY
AE4PZ MOUNTAIN REST .....162.2 SC
KE4CIF PULASKI ..... VA
447.8000 / 442.8000
N4NFP ATL/MARIETTA ..... GA
N4AAD YADKINVILLE .....100.0 NC
WD4LUR LAKE CITY .....100.0 TN
KB4MIC GUM SPRING ..... VA
447.8250 / 442.8250
K4DKI CLAYTON ..... GA
KC4ENL HAPEVILLE .....167.9 GA
WF4G MEMPHIS ..... TN
KT4PN ONEIDA ..... TN
447.8500 / 442.8500
WB0QGH LAWRENCEVILLE .....82.5 GA
W2HR GILBERTSVILLE .....103.5 KY
KA7JXU BREVARD ..... NC
KA4XIK ROANOKE/POOR MT ..... VA
WB8NSL PENNSBORO .....103.5 WV
447.8750 / 442.8750
PT2RFL ATLANTA/MARIETTA .....100.0 GA
N4IWK MACON ..... GA
KB5ZCX ROSE HILL ..... MS
KD4DMS SPIVEY'S CORNER ..... NC
KC4WHL HARRIMAN .....136.5 TN
447.9000 / 442.9000
K3TD BUFORD .....103.5 GA
WR4MG WARNER ROBINS ..... GA
W4CMR IRVINE ..... KY
WW4DC THOMASVILLE .....88.5 NC
KE4CES JACKSON .....114.8 TN
N4SSB NEW DEAL .....107.2 TN
W4MT NEWPORT NEWS .....100.0 VA
447.9250 / 442.9250
KC4YHM EATONTON ..... GA

K4AE LEXINGTON ..... NC
WD4OAR #CHATT/CLEVELAND.....107.2 TN
WD4OAR GEORGETOWN .....107.2 TN
447.9500 / 442.9500
AA4AI ATHENS .....179.9 GA
N4XGI ST SIMONS ISLAND .....131.8 GA
KF4CYI TAYLORSVILLE .....173.8 NC
AB4FU LYNCHBURG ..... VA
447.9750 / 442.9750
WA4YNZ ATLANTA ..... GA
WA4YNZ #ROSWELL ..... GA
NK4W LITTLE MT .....162.2 SC
KB8KSP ABINGDON .....88.5 VA
448.0000 / 443.0000
NA0GF CHATSWORTH ..... GA
KT4GB BARDSTOWN ..... KY
KK4YP PIKEVILLE ..... NC
W4ZJM MEMPHIS .....*# TN
KM4X WHITETOP MTN .....103.5 VA
WB8EZR HUNTINGTON ..... WV
448.0250 / 443.0250
WA4NMF ATLANTA .....100.0 GA
KD4IEZ DUBLIN .....156.7 GA
KE4OOL LEXINGTON .....123.0 KY
WB4IKY BURLINGTON .....107.2 NC
N4UAG KNOXVILLE ..... TN
KA8YEZ WHEELING .....77.0H WV
448.0500 / 443.0500
NE1H SNELLVILLE ..... GA
W3CH GOLDSBORO .....156.7 NC
WB4PUB #NASHVILLE .....107.2 TN
448.0750 / 443.0750
WA0HQQ KENNESAW ..... GA
KC4ZIZ MACON .....156.7 GA
WR4BEG COPPAH/RANDLEMN ..... NC
KA4AZQ KNOXVILLE .....100.0 TN
448.1000 / 443.1000
N4KHQ DAHLONEGA .....100 GA
KE4RNM OWENSBORO ..... KY
WW4DC SAURATOWN MT .....88.5 NC
KA4JXT MEMPHIS .....107.2 TN
KN4YM POWHATAN ..... VA
KE4QOX BECKLY/OAK HILL .....107.2 WV
448.1250 / 443.1250
KW4KW RINGGOLD .....118.8 GA
KU4ML FOSTER ..... KY
KB4PQA CRAB CREEK TWP ..... NC
WA4NNA RALEIGH ..... NC
448.1500 / 443.1500
W4PME ROSWELL/BELL ..... GA
W4HG SALISBURY ..... NC
K8MHR ST. ALBANS ..... WV
448.1750 / 443.1750
N4GIS WALESKA ..... GA
KC4COV FLORENCE ..... KY
KD4HLH LAURENS .....146.2 SC
KF4TMP MT PLEASANT .....107.2 TN
KC4J PATRICK SPRINGS ..... VA
448.2000 / 443.2000
W4DEX #HAMLET ..... NC
KD2LH YOUNGSVILLE .....88.5 NC
KB4UG GRNVLE/VIKING MT ..... TN
W4BS MEMPHIS .....107.2 TN
KB4YKV AMELIA ..... VA
448.2250 / 443.2250
N4QCP JONESBORO ..... GA
KD4TAH FRANKLIN ..... KY
KS4TO WADDY ..... KY
N4ZCM RALEIGH ..... NC
W8LG BECKLEY/BOLT ..... WV
448.2500 / 443.2500
KJ4VF DORTON ..... KY
WD6GMQ GRAINGERS ..... NC
448.2750 / 443.2750
WA4WTX ROUGEMNT/RED MT .....100.0 NC
WA4AWI LEBANON .....107.2 TN
448.3000 / 443.3000
WB4VNT ATHENS ..... GA
KB5DZJ WIGGINS .....167.9 MS
KC4SVQ ARCHDALE ..... NC
KB4TOH COLUMBIA ..... NC
KC4IEV SPINDALE .....123.0 NC
WA4KJH GATLBG/COVE MT .....127.3 TN
NM8T OAK HILL ..... WV
448.3250 / 443.3250
N4JMD STOCKBRIDGE ..... GA
N4EQT LAWRENCEBURG .....107.2 KY
KF4IXK KVILLE/HIPOINT .....131.8 NC
448.3500 / 443.3500
N4YYD FT. MT/CHATSWTH .....71.9 GA
K4ULW LOUISVILLE SW ..... KY
W5PAW PETAL ..... MS
ND4N GRNVLE/PARIS MT ..... SC
WA4AWI DEASON .....107.2 TN
K4GX ROGERSVILLE ..... TN
448.3750 / 443.3750
KC4AQS CALHOUN/JASPER ..... GA
W1IFL RALEIGH ..... NC
448.4000 / 443.4000
KD4EKZ CEDARTOWN .....123.0 GA
WB4GWA CONCORD .....118.8 GA
WB4GUG SAURATOWN MT .....107.2 NC
AD4DN WILMINGTON .....88.5 NC
AC4WW AIKEN .....107.2 SC
WD4DBJ CUMBERLAND CITY ..... TN
WA4QWW MEMPHIS ..... TN
448.4250 / 443.4250
KD4RTR MILLARD ..... KY
WA1YYN RES. TRIANGLE PK .....156.7 NC
448.4500 / 443.4500
WB5TUF ATLANTA .....110.9 GA
KB4VAK HIGH PT/LOOKT MT .....77.0 GA
AE4NU COX'S CREEK .....151.4 KY
N5WXD WEST POINT ..... MS
N4VOZ STATESVILLE ..... NC

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KC4RBA LYNCHBURG ..... VA
448.4750 / 443.4750
WW4T BOGART ..... GA
KC4COV FLORENCE ..... 192.8 KY
KE4UIU CANTON ..... 156.7 NC
W4UNC CHAPEL HILL ..... 131.8 NC
WB4TWX FORT MILL ..... SC
N8FWL BECKLEY ..... 123.0 WV
448.5000 / 443.5000
N4MTA MARIETTA ..... GA
WD9EQC LOUISVILLE ..... KY
KF4BRO MAYSVILLE ..... 123.0 KY
WB4UBY META ..... KY
AJ0X LAUREL ..... MS
WD4PQZ G'BORO/H'POINT ..... 77.0 NC
KD4CWB KNOXVILLE ..... TN
448.5250 / 443.5250
N4POR KNOXVILLE ..... 114.8 GA
N4EUX LENOIR/CAJAH MTN ..... NC
KD4MJO SOUTH HILL ..... 100.0 VA
448.5500 / 443.5500
KE4WLP GRIFFIN ..... GA
N4HZX GRAEFENBURG ..... KY
KB5SAR WAYNESBORO ..... MS
KC4XE ROARING GAP ..... NC
WB4LRD CHATTANOOGA ..... TN
KF4PGC SMITHFIELD ..... 100.0 VA
448.5750 / 443.5750
WA4NTF CEDARTOWN ..... 107.2 GA
WA4PXV #GRANDFATHER MT ..... NC
KA6UHV COLLEGEDALE ..... TN
W4LYR LEBANON ..... 100.0 TN
448.6000 / 443.6000
KA4UHL NANCY ..... 100.0 KY
K5HYE MENDENHALL ..... MS
N4DWU MT MITCHELL ..... NC
W8CXD FOREST ..... 136.5 VA
448.6250 / 443.6250
KD4KGR GRAY ..... GA
W4UWH JASPER ..... 100.0 GA
W4EUS RTP ..... NC
KE4EAN COWPENS ..... 136.5 SC
KA7UEC COLLIERVILLE ..... 107.2 TN
AD4QG EVA ..... TN
KC4MJN JAMESTOWN ..... 100.0 TN
WZ8E BLUEFIELD ..... VA
448.6500 / 443.6500
KE4RNM OWENSBORO ..... 203.5 KY
K4AIH ANDRWS/ROBINSVL ..... NC
KD4WAR BURNSVILLE ..... NC
KD4DNY GREENSBORO ..... NC
W4AXH NOLENSVILLE ..... TN
K4UMI HAMPTON ..... VA
448.6750 / 443.6750
W4VO ROME ..... GA
AD4LR PARIS ..... TN
KD4IBW SEVIERVILLE ..... 100.0 TN
K4YD GOODVIEW ..... 107.2 VA
448.7000 / 443.7000
W5CJR HATTIESBURG ..... 136.5 MS
KE4QOX KVILLE/H POINT ..... 103.5 NC
WA4BT LOUST ..... NC
K4VVM BARTLETT ..... 107.2 TN
KB4OTK LAFOLLETTE ..... TN
KB8UJG PRINCETON ..... 123.0 WV
448.7250 / 443.7250
KB2DZA CONYERS ..... 77.0 GA
KE5LT PICAYUNE ..... 179.9 MS
K4GWH GRAHAM ..... 156.7 NC
KB5YJC OLD HICKORY ..... TN
N8SNY WELCH ..... WV
448.7500 / 443.7500
K4GO #COVINGTON ..... GA
KF4BMG MARIETTA ..... 79.7 GA
KC4ZTI GASTONIA/CRWDR ..... NC
WB4EDS ALAMO ..... TN
WA4OHX HAMPTON ..... 100.0 VA
448.7750 / 443.7750
WB3T BLUEFIELD 103.5
W4IXN DULUTH ..... 82.5 GA
KF4INN VERSAILLES ..... KY
KD4JFN HAW RIVER ..... 107.2 NC
KF4Y LAURENS ..... 141.3 SC
WA2TSP SPENCER ..... 123.0 TN
448.8000 / 443.8000
N4NFP ATLANTA/MARIETTA ..... 118.8 GA
K4MSU MURRAY ..... 114.8 KY
KC4QZL MORGANTON ..... NC
WA4HNK SUMMERVILLE ..... SC
KA4AZQ KNOXVILLE ..... 100.0 TN
WA1ZMS BEDFORD/APL ORCH ..... 100.0 VA
W4POX PORTSMOUTH ..... VA
KA8OTX OAK HILL ..... WV
448.8250 / 443.8250
KD4WOU MONROE ..... 123.0 GA
N5ZNS GLOSTER ..... MS
KC4KRM SHELBYVILLE ..... TN
WB4KZI PETERSBURG ..... VA
448.8500 / 443.8500
KE4PN #WALESKA ..... 192.8 GA
WB4PQJ BAGDAD ..... KY
KC4YOZ DALLAS/CLT ..... 100.0 NC
WA4US #WILMINGTON ..... NC
KE4OVN DRESDEN ..... 107.2 TN
KQ4RX DANVILLE ..... VA
KB8TGK HUNTINGTON ..... 88.5 WV
448.8750 / 443.8750
KC4KPW PINEY KNOB ..... 103.5 NC
KD4KPV MCKENZIE ..... TN
W4DUM WILLIS ..... VA
W8SP FAIRMONT ..... WV
448.9000 / 443.9000
KC4KZT DAVID ..... 167.9 KY
N5DWU WAYNESBORO ..... 167.9 MS
W4UA HIGH POINT ..... NC

W4GWD GREENWOOD ..... 107.2 SC
KD4HII CHATTANOOGA ..... TN
WA4KOC WHITE HOUSE ..... TN
N4EVG CHESAPEAKE ..... VA
448.9250 / 443.9250
KQ4XL MONROE ..... 123.0 GA
W4BAB RINGGOLD ..... GA
W5OXA BILOXI ..... MS
KE4KNZ MCEWEN ..... TN
KF4AGO SOUTH BOSTON ..... VA
448.9500 / 443.9500
KA4UFM DECATUR ..... 110.9 GA
KC4TX CANE VALLEY ..... KY
N5ZDF HAZLEHURST ..... 100.0 MS
WA4US WILMINGTON ..... NC
KC4FV ARNOLD A.F.B. ..... TN
KD4OBX MCKLVILLE ..... TN
N4ER MEMPHIS ..... TN
448.9750 / 443.9750
KE4BHZ HAZARD ..... 103.5 KY
WA4WGY MAYODAN ..... NC
WR3S LAVERGNE ..... TN
KA4WJS ROCKWOOD ..... TN
N8FIP WESTON ..... WV
449.0000 / 444.0000
WB4QDX LAWRENCEVILLE ..... 100.3 GA
WD4AFY SAVANNAH ..... GA
AD4RU IRVINE ..... KY
KG5VV CLINTON ..... 100.0 MS
K4JEQ HICKORY ..... NC
KK4YP SELMA ..... NC
N0YNV BLYTHEWOOD ..... SC
WD4BKY GALLATIN ..... 107.2 TN
KD4CWB KNOXVILLE ..... 100.0 TN
WA4ETE MEMPHIS ..... 107.2 TN
KC8IT MULLENS ..... WV
449.0250 / 444.0250
WA4NMF LAWRENCEVILLE ..... 127.3 GA
AE4PO WAYCROSS ..... 141.3 GA
KD4JFN HIGH POINT ..... 107.2 NC
KC4WHL HARRIMAN ..... TN
K4RDK MEMPHIS ..... TN
449.0500 / 444.0500
N4NEQ ATLANTA/MARIETTA ..... 118.8 GA
KE4NLL SALYERSVILLE ..... 127.3 KY
K4OLC TAYLORSVL/BARR M ..... NC
N4PYI NASHVILLE ..... 107.2 TN
KB4OLM STUARTS DRAFT ..... VA
449.0750 / 444.0750
AE4GU CARROLLTON ..... 107.2 GA
KB8SBN INDEPENDENCE ..... 110.9 KY
KD4BOH ROCKPORT ..... 77.0 KY
K4CCR ANDRSN MT/DENVER ..... NC
KC4PDQ MARYVILLE ..... TN
KF4ATY MEMPHIS ..... TN
KD4TBC GRETNA/SMITH MT ..... 67.0 VA
K8OJC HURRICANE ..... WV
449.1000 / 444.1000
W4BKM MACON ..... GA
W4WSM BOWLING GREEN ..... KY
N4UL LOUISVILLE ..... 173.8 KY
WR4AGC DURHAM ..... NC
KC4AIC BANCASTER ..... TN
W4AM CHATTANOOGA ..... TN
KE4FH JOHNSON CITY ..... TN
KA4JXT MEMPHIS ..... TN
KE4CKJ STAUNTON/EL KNOB ..... 131.8 VA
KB4ZIN WILLIAMSBURG ..... VA
449.1250 / 444.1250
KE4PVE PENDERGRASS ..... 100.0 GA
KC4ZY LEXINGTON ..... KY
WB4GUG MCLEANSVILLE ..... NC
KC4ECD LAFAYETTE ..... 107.2 TN
KA4JXT MEMPHIS ..... TN
N8LUC OCKLEY ..... WV
N8RCG KEYSER ..... 103.5 WV
449.1500 / 444.1500
W4PME ATLANTA/BELL ..... GA
WB4IVB MIDDLESBORO ..... 100.0 KY
WD5BJT CLERMONT HARBR ..... MS
WB5YCR NEW ALBANY ..... MS
KE4GTM GASTONIA/CRWDR ..... NC
K4JDR SEVEN SPRINGS ..... 100.0 NC
KI4ZR LEXNGTN/ROCK MT. ..... VA
KC8AOF RIPLEY ..... WV
449.1750 / 444.1750
KE4PVE COVINGTON ..... 100.0 GA
KC4COV FLORENCE ..... 192.8 KY
KC4NNN KNOXVILLE ..... TN
W2GLJ MEMPHIS ..... TN
N8FMD CLARKSBURG ..... 103.5 WV
449.2000 / 444.2000
WA4DB #GAINSVILLE ..... 107.2 GA
KE4QEA #KING/SAURATOWN ..... 100.0 NC
WA4US WILMINGTON ..... NC
KF4GHC COLUMBIA ..... 156.7 SC
KB4YTU BROWNSVILLE ..... TN
KD4HII CHATTANOOGA ..... TN
N4ARK NASHVILLE ..... TN
WB4VWR ENON ..... VA
N8ZVK FLATWOODS ..... WV
449.2250 / 444.2250
WB4DDP WARNER ROBINS ..... GA
KE4SJO WOODSTOCK ..... GA
N4ARI NASHVILLE ..... 107.2 TN
WV8AR CHARLESTON ..... 123.0 WV
449.2500 / 444.2500
WB4OC DECATUR ..... GA
WA4KNI HENDSVL/BERWLW ..... NC
WA4PAJ BARTLETT ..... TN
WQ4E GREENBRIER ..... TN
WA4TFZ CHARLOTTESVILLE ..... 151.5 VA
N8ZAR BUCKHANNON ..... WV
449.2750 / 444.2750
KE4BB CULLODEN ..... 123.0 GA

KU4MJ DAWSON SPRINGS ..... KY
W4NC WINSTON-SALEM ..... NC
W4GZX CLEVELAND ..... TN
WA4AXH LEBANON ..... TN
KE4RTO ENON ..... 114.8 VA
449.3000 / 444.3000
WB4ZZD LOUISVILLE ..... KY
N4DRL BYHALIA ..... MS
KC5RC HEIDELBERG ..... 100.0 MS
KD4JYV ASHEBORO ..... 118.8 NC
WA4VTX #ELIZABETH CITY ..... 131.8 NC
N4MNH CHARLESTON ..... SC
WB4GBI KNOXVILLE ..... TN
WA4BZU NASHVILLE ..... 107.2 TN
K4BW ACCOMACK ..... 156.7 VA
KI4ZR LEXINGTON ..... VA
449.3250 / 444.3250
WA4BZU CLARKSVILLE ..... 107.2 TN
KB4KSL KNOXVILLE ..... TN
WB3T ROANOKE ..... 103.5 VA
449.3500 / 444.3500
W4MMQ HELEN ..... GA
KE4PVE NEWNAN ..... 100.0 GA
KB0Y VALDOSTA ..... 141.3 GA
K4CO WALTON ..... KY
WB4IKY GIBSONVILLE ..... 107.2 NC
KR4LO GRANTSBORO ..... NC
K4SER #WILLIAMSTON ..... 131.8 NC
WD4BKY GALLATIN ..... 114.8 TN
KD4CLA PIGEON FORGE ..... 156.7 TN
N4CH BEDFORD ..... VA
WB8YST CHARLESTON ..... 107.2 WV
449.3750 / 444.3750
KB4IZF JASPER ..... 103.5 GA
KD4DAR PIKEVILLE ..... KY
KB5HAV PEARL ..... 88.5 MS
KB4YTM HUNTINGDON ..... TN
K4OWU FANCY GAP ..... 107.2 VA
449.4000 / 444.4000
WB0QGH HOG MTN ..... 82.5 GA
KD4YGK SHEPHERDSVILLE ..... 203.5 KY
WB4YZF FAYETTEVILLE ..... 100HZ NC
KC4YOQ FOREST CITY ..... NC
WA4KOG MEMPHIS ..... TN
N4PYI MT JULIET ..... TN
K4EAJ OAK RIDGE ..... 82.5 TN
W8ARA FLATTOP/EGERIA ..... 100.0 WV
449.4250 / 444.4250
WB4JWM JULIETTE ..... 156.7 GA
N4LGT DEANE ..... KY
N4ZYN KINGSPORT ..... 94.8 NC
KC4NNN KNOXVILLE ..... TN
WA4ISI ALTAVISTA ..... VA
KB8TJH SHIRLEY ..... WV
449.4500 / 444.4500
W4DOC ATLANTA ..... 146.2 GA
KO4OT SIMPSONVILLE ..... KY
KD5AHI ABERDEEN ..... MS
KB5LCL JACKSON ..... 141.3 MS
W4CQ CHARLOTTE ..... NC
WR4AGC HILLSBOROUGH ..... 100.0 NC
KE4JMH WAYNESVILLE ..... NC
WA4US WILMINGTON ..... NC
KB4YTU BROWNSVILLE ..... TN
W4CAT GALLATIN ..... 107.2 TN
WJ9J SODDY DAISY ..... TN
W8MOP BLUEFIELD ..... VA
449.4750 / 444.4750
KD4GEY FOLKSTON ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
KF4QZN MAMMOTH CAVE ..... 179.9 KY
AD4BI PIKEVILLE ..... KY
KD4DNY GREENSBORO ..... 107.2 NC
N4ZKR SUMMITVILLE ..... 107.2 TN
AD4ZK NORFOLK ..... VA
449.5000 / 444.5000
W4MM ALBANY ..... GA
WB5TUF ATLANTA ..... 110.9 GA
N4BZJ DALTON ..... 118.8 GA
WD4ICX LEXINGTON ..... NC
N4JEH TARBORO ..... 100.0 NC
K4JP BRSTL/HOLSTN MT ..... TN
KB4KSL KNOXVILLE ..... TN
K4HEX LYNCHBRG/TOB MT ..... 136.5 VA
W8HYX HURRICANE ..... WV
449.5250 / 444.5250
KD4IEZ CHESTER ..... 156.7 GA
W4GR SNELLVILLE ..... 82.5 GA
KJ4VF GRETHEL ..... KY
N5NNI NEW HEBRON ..... MS
WA4PEN RALEIGH ..... 88.5 NC
N4LV MYB BCH/BRKSVIL ..... SC
KD4IBW KNOXVILLE ..... 100.0 TN
WA4BGK NASHVILLE ..... 107.2 TN
449.5500 / 444.5500
K4DC LEWISPORT ..... KY
KC4DUU LEXINGTON ..... KY
KK4VM ROANOKE RAPIDS ..... 192.8 NC
NQ4Y COOKEVILLE ..... 107.2 TN
KF4SCT MCNAIRY ..... 107.2 TN
WA4PCD #NASHVILLE ..... TN
W4QR HAMPTON ..... 167.9 VA
WA4RTS LYNCHBURG ..... 136.5 VA
449.5750 / 444.5750
W4SCR DOUGLASVILLE ..... 88.5 GA
N4MVY PHELPS ..... KY
KC5CLM PORT GIBSON ..... 141.3 MS
W4HAJ KINSTON ..... 88.5 NC
W4GS #MYRTLE BEACH ..... 85.4 SC
WB8BB KNOXVILLE/RACK ..... 100.0 TN
WA4WCK NASHVILLE ..... TN
449.6000 / 444.6000
WA4NKL QUITMAN ..... 127.3 GA
N4NMC LOUISVILLE ..... 151.4 KY
KC4FIE MADISONVILLE ..... KY

WA4SJH SPRINGFIELD ..... KY
KB5CO JACKSON ..... 100.0 MS
WA8FB CHARLOTTE ..... 100.0 NC
KC4WXA OXFORD ..... NC
KT4YW NO.CHARLESTON ..... SC
WB4HAP KNOXVILL/ENG MTN ..... TN
WA4AUX PROSPECT ..... 118.8 TN
WC8K WESTON ..... WV
449.6250 / 444.6250
KM4DT BONAIRE ..... 82.5 GA
WB4DVN LUMBERTON ..... NC
WD4EOG CLEMSON UNIV. ..... 156.7 SC
KD4TUD JEFFERSON CITY ..... TN
N4TK NASHVILLE ..... 107.2 TN
WZ8E BLUEFIELD ..... VA
KF4LWH SOUTH BOSTON ..... VA
449.6500 / 444.6500
K4YC IVEY ..... GA
WB4FUR STENNIS SPC CEN ..... MS
N5NBG WALLS ..... MS
NE4J MIDDLESEX ..... 179.9 NC
N4MME #SALISBURY ..... NC
WA4US WILMINGTON ..... NC
WB4NKM GREENEVILLE ..... 100.0 TN
W4CAT SHRT MT/MURFREB ..... 107.2 TN
N4EHU RICHMND/CHLTVL ..... VA
449.6750 / 444.6750
N4YTR PEACHTREE CITY ..... GA
KC4VYX ROBINSON CREEK ..... KY
KF4AWA SALVISA ..... 203.5 KY
N5PS GREENVILLE ..... MS
W4WBT CHARLOTTE ..... NC
KE4JDP #JACKSONVILLE ..... 88.5 NC
KD4IHW RESEARCH TRI PK ..... NC
W4GS MYR BCH/CONWAY ..... SC
WA4PCD NASHVILLE ..... TN
WD4MIZ NORFOLK ..... 107.2 VA
K8WGB GASSAWAY ..... 123.0 WV
449.7000 / 444.7000
WD4LUO DALTON ..... 77.0 GA
WB4DOJ MILLEDGEVILLE ..... 156.7 GA
KF4BJM VALDOSTA ..... 141.3 GA
N5KOL BOWLING GREEN ..... 136.5 KY
NC5Y JACKSON ..... MS
KD4BGD LUMBERTON ..... 114.8 NC
N4JEH ROCKY MOUNT ..... NC
K4AU DANVILLE/WHT OAK ..... VA
WA4WWB GATE CITY ..... VA
449.7250 / 444.7250
KD4AOZ WATKINSVILLE ..... GA
KY4K HENDERSON ..... 203.5 KY
KE4ISR LEXINGTON ..... KY
W4ZCD HICKORY FLAT ..... 179.9 MS
KD4MMP WINSTON-SALEM ..... 107.2 NC
WA4AKM FRANKLIN ..... 107.2 TN
WB0TMC JACKSON ..... 107.2 TN
N4CKB SEVIERVILLE ..... 123.0 TN
KF8FO LEWISBURG ..... 103.0 WV
449.7500 / 444.7500
N4ZRF LAKEMONT ..... GA
KE4AIF HOPKINSVILLE ..... 103.5 KY
WB9SHH MONTICELLO ..... KY
W5VZF STARKVILLE ..... MS
KC4YOT GASTONIA/CRWDR ..... NC
KD4JFN PITTSBORO ..... 107.2 NC
K4TC HENDERSON ..... TN
N4PYI MT JULIET ..... 156.7 TN
WD4KQI FOREST ..... VA
449.7750 / 444.7750
N4NEQ ATLANTA/MARIETTA ..... 118.8 GA
N4MXC COCHRAN ..... GA
NI4WZ ALLEN ..... 123.0 KY
KC4UPE NICHOLASVILLE ..... 167.9 KY
K4JDR CARY ..... 100.0 NC
AF4CI OLD FORT ..... NC
WA4ROF #WINSTON-SALEM ..... 103.5 NC
WA4AKM GALLATIN ..... 107.2 TN
449.8000 / 444.8000
WA4ASI COVINGTON ..... 88.5 GA
WA4BEJ ELIZABETHTOWN ..... KY
KB5CO JACKSON ..... MS
WB4PMQ GREENVILLE ..... 131.8 NC
K4YEC REIDSVILLE ..... 107.2 NC
KD4QMS SOUTHERN PINES ..... 118.8 NC
K0JXI MEMPHIS ..... TN
N4PYI NASHVILLE ..... 110.9 TN
KB4MIC OILVILLE ..... VA
WV8B BECKLEY/OAK HILL ..... WV
W8CUL MORGANTOWN ..... WV
449.8250 / 444.8250
W4DOC ATLANTA ..... 146.2 GA
KC4UPE BEATTYVILLE ..... 192.8 KY
KC4VXR SALEM ..... 100.0 KY
KB5DSN AMORY ..... MS
KF4UY MT AIRY/FSH PK ..... 100.0 NC
K4GWH RALEIGH ..... 146.2 NC
K5FE MEMPHIS ..... 107.2 TN
N4PYI SMITHVILLE ..... 107.2 TN
WA4ZBP STAUNTON ..... 131.8 VA
449.8500 / 444.8500
N4BZJ DALTON ..... GA
N4YXL GREENSBORO ..... 103.5 GA
KF4UM HINESVILLE ..... GA
KC5LXF PINOLA ..... MS
W4CQ CHARLOTTE ..... NC
K4GMP WILMINGTON ..... 88.5 NC
WD4MWQ MCMINNVILLE ..... TN
K7AG MEMPHIS ..... 107.2 TN
AB4SF RICHMOND ..... VA
WD4KZK ROANOKE/READ MT ..... 107.2 VA
AA8MR HUNTINGTON/CHAS ..... WV
449.8750 / 444.8750
KC4UPE SALVISA ..... 167.9 KY
N5HTQ MCCOMB ..... 100.0 MS
KD4RAA RALEIGH ..... 162.2 NC

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WA4AKM NASHVILLE .....107.2 TN
KB4WTP BIG "A" MTN ..... VA
449.9000 / 444.9000
NA4I AUGUSTA ..... GA
N4KHQ DAHLONEGA ..... GA
WB4IVB CORBIN .....100.0 KY
W4YWH HIGHLAND HEIGHTS..... KY
N4DWT ASHEVILLE ..... NC
WD4JMS NEW BERN .....100.0 NC
NE4J WILSON .....179.9 NC
WB4MMI RAMER ..... TN
W4LYR WATERTOWN .....100.0 TN
N4XRY FANCY GAP ..... VA
N8SCS BELINGTON .....71.9 WV
KE4QOX LOGAN ..... WV
449.9250 / 444.9250
WB4NFG IRWINTON .....77.0 GA
KY4X GLASGOW ..... KY
KO4LI OLIVE HILL ..... KY
N5PYQ SOUTHAVEN .....107.2 MS
WB5TTE VICKSBURG ..... MS
KE4ZTD HATTERAS ISLAND .....131.8 NC
N4XRY MOUNT AIRY ..... NC
AC4RZ EASLEY/SAS MTN .....103.5 SC
WA4AKM COLUMBIA .....107.2 TN
N4VIH DOVER ..... TN
KB4CMB KNOXVILLE ..... TN
WB8BON ROANOKE/TINKER M ..... VA
449.9500 / 444.9500
WR4MG PERRY ..... GA
N4DUE LEXINGTON ..... KY
N5VGK TUPELO .....192.8 MS
WA1WXL DALLAS/CHARLOTTE .....136.5 NC
W4DW RALEIGH ..... NC
KF4GP CLARKSVILLE .....167.9 TN
W4EYJ CROSSVILLE .....107.2 TN

WB4NNE MEMPHIS ..... TN
W4WRN STAUNTON ..... VA
WA4KXV VIRGINIA BEACH ..... VA
WB8CQV SO. CHARLESTON ..... WV
449.9750 / 444.9750
WA4YNZ ATLANTA ..... GA
K4TVE BRUNSWICK ..... GA
W3LAP COCHRAN .....77.0 GA
WA4YNZ #CUMMING ..... GA
KC4QK ASHLAND .....107.2 KY
WB4CWF NICHOLASVILLE ..... KY
KQ4ML ASHEBORO ..... NC
W4YMI #NEWPORT CCARS ..... NC
KC4ZTJ POLKVILLE ..... NC
WM3O ORANGEBURG ..... SC
KQ4E MORRISTOWN ..... TN
WA4AKM NASHVILLE .....107.2 TN
N4AZJ PEARISBURG .....103.5 VA
439.2500 / 911.2500
KA5NOJ GAUTIER ..... MS
426.2500 / 923.2500
K4HEX LYNCHBURG ..... VA
439.2500 / 923.2500
KY4ATV #LEXINGTON ..... KY
W4HTB BOWLING GREEN ..... KY

920 MHZ

907.1000 / 919.1000
N4BZJ DALTON ..... GA
907.5000 / 919.5000
WD4KZK ROANOKE/POOR MT .....107.2 VA
908.8000 / 920.8000
KQ4E MORRISTOWN ..... TN
909.0000 / 921.0000
K4HEX LYNCHBRG/TOB MT .....100.0 VA
909.1000 / 921.1000
WA1ZMS BEDFORD/APL ORCH.....100.0 VA
909.2000 / 921.2000
K2AD LYNCHBURG .....100.0 VA
910.2500 / 923.0000
WA4VHP #SAVANNAH ..... GA
K4ZGA NASHVILLE ..... TN

1270 MHZ

1265.0000 / 421.2500
N4BZJ DALTON ATV ..... GA
1253.0000 / 427.2500
N4NEQ ATL/MARIETTA ..... GA
1271.1000 /1283.1000
WA1ZMS BEDFORD/APL ORCH.....100.0 VA
1271.4500 /1283.4500
WB5TUF ATLANTA ..... GA
1272.4000 /1284.4000
WA4AKM NASHVILLE ..... TN
1274.5000 /1286.5000
WA4AKM SMITHVILLE ..... TN
1271.0200 /1291.0200
N4CH ROANOKE/POOR MT ..... VA
1271.4000 /1291.4000
KB4SXY GREENSBORO ..... NC
1272.0000 /1292.0000
KB4KIN ATLANTA/BELL ..... GA
N0WFL BLYTHEWOOD ..... SC
N4HKS MEMPHIS ..... TN
1272.8200 /1292.8200
KE4GTM GASTONIA/CRWDR ..... NC

2.4GHz

2441.6000 /2411.6000
WA1ZMS BEDFORD/APL ORCH..... VA

ATTENTION REPEATER OWNERS

If you have a repeater that is labeled "Uncoordinated" - we invite you to contact your local SERA District Director. He will look into your situation, and see whether your frequency can be coordinated. He will offer you assistance and help you get your system correct. If your repeater is in the "Unknown" list, all it takes is a completed, signed Datasheet from you to your coordinator. It is very important that SERA has the latest updated information from you - it may save you problems. There is no charge for our service.

Join or renew as a SERA Full Repeater Member

SouthEastern Repeater Association, Inc.

The not-for-profit Recognized Repeater Coordinator for: GA, KY, MS, NC, SC, TN, VA, & WV

1999 Repeater Full Membership Application

Please fill out the this short form SERA Full Member Application completely. Maximum number of letters for your repeater name is 14 characters. Be sure to list 2 persons as SERA representatives. ONLY these two will have voting rights, and receive the *Repeater Journal*. MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in next February 1999 Repeater Journal is Jan. 1, 1999.

	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ
RPTR #1				
RPTR #2				
RPTR #3				
RPTR #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS-ONE FOR EACH REPEATER. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

NAME TWO PERSONS WHO WILL REPRESENT SERA AS FULL MEMBERS. EACH WILL RECEIVE THE *REPEATER JOURNAL*.

NAME_____ CALL_____
ADDRESS _____
CITY_____STATE_____ZIP_____
HOME PHONE #: ( ) _____
E-MAIL ADDRESS: _____
ARRL MEMBER: [ ] YES [ ] NO

NAME _____ CALL_____
ADDRESS_____
CITY_____STATE_____ZIP_____
HOME PHONE #: ( ) _____
E-MAIL ADDRESS: _____
ARRL MEMBER: [ ] YES [ ] NO

FULL MEMBERSHIP: [ ] NEW [ ] RENEWAL - ($20.00 - FOR CALENDAR 1999) FEE ENCLOSED - AMOUNT $_____

REPEATER IS SPONSORED BY: (Name of Club OR Owner)_____

REPEATER TRUSTEE'S NAME_____CALLSIGN_____

IF A 1998 SERA REPEATER DATASHEET WAS NOT RECEIVED LAST SEP or OCT, INDICATE PERSON'S NAME AND ADDRESS TO SEND 1999 TO:

NAME _____ CALLSIGN_____
ADDRESS_____ CITY_____ STATE_____ ZIP_____

■ *IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED, ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP*
An application for SERA Full Membership status, and the payment of the respective dues thereof, does NOT constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

RJ 02-99

ADI Handheld and Mobile Transceivers

AT-201 TWO METER HT

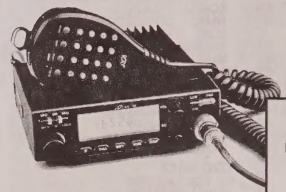
AT-400 440 MHz HT

AT-201: Tx: 144-148 • Rx: 130-179 MHz • MARS and CAP capable (permits are required) • 5-watts output (with 12 VDC) • 40 memory channels store any offset or tone • CTCSS encode and decode included • programmable band and memory scan modes • DTMF paging included • dual frequency watch • auto-repeater offset • user selectable frequency or channel display modes • backlit display and keypad • 2.5 and 5 watt versions available • Size: 4.25" (H) x 2" (W) x 1.3" (D) excluding battery pack

AT-400: Tx: 430-450 • Rx: 400-470 MHz • MARS and CAP capable (permits are required) • 5-watts output (with 12 VDC) • 20 memory channels • CTCSS encode and decode included • programmable band and memory scan modes • DTMF paging included • backlit display and keypad • 2.5 and 5 watt versions available • Size: 4.25" (H) x 2" (W) x 1.3" (D) excluding battery pack

AR-146 TWO METER MOBILE

AR-446 440 MHz MOBILE



Highly Rated by QST Magazine!*
BEST RX sensitivity!
Best Adjacent Channel Rejection!
Best IF Rejection!
Lowest Street Price!
* source: November 1996 QST

Tx: 144-148 MHz (AR-146), 430-450 (AR-446) • Rx: 136-171 MHz (AR-146), 420-470 MHz (AR-446) • MARS and CAP capable (permits are required) • three power settings: 50, 10, and 5 Watts • 40 memories store any offset or tone • CTCSS encode *and* decode included • programmable band and memory scan modes • DTMF paging included • dual frequency watch • multi-function DTMF microphone • Auto Power Off • frequency or channel display modes • 4-step display dimmer • easy mobile operation! • Small! Size: 1.5" (H) x 5.5" (W) x 6.25" (D)

PRYME®
Radio Products

PR-222 220 MHz HT

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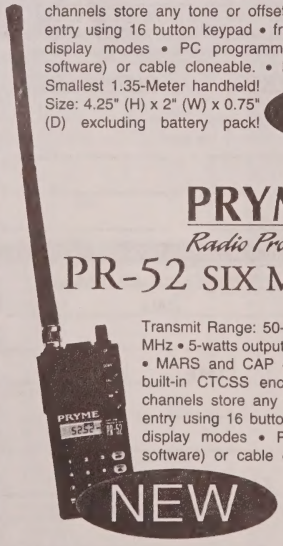

Transmit Range: 50-54 MHz • Receive Range: 40-54 MHz • 5-watts output with included NiCad battery pack! • MARS and CAP capable (permits are required) • built-in CTCSS encode and decode • 40 memory channels store any tone or offset • direct frequency entry using 16 button keypad • frequency or channel display modes • PC programmable (with optional software) or cable cloneable. • Palm-sized! World's

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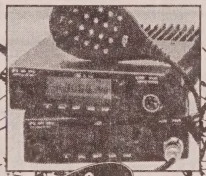

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Catawba Valley Hamfest & Computer Fair

Morganton, North Carolina

Saturday, April 10, 1999

Burke County Fairgrounds - Highway 181-N

(Exit 100 Eastbound or Exit 105 Westbound, I-40)

30,000 sq. ft. of covered dealer/fleamarket space

HOURS: 8 - 5 - (Dealers Operate 8 - 2 PM)

FCC Exams: For a guaranteed space at the test session, send a check for $6.35 payable to: Thomas Taylor, KC4QPR, P.O. Box 8003 Morganton, NC 28680-8003
Walk-ins are Welcome! Testing is at 8:30 AM sharp, 610's available at test. Bring Photo ID, original and photocopies of license and any upgrade CSCE's. Test Site: Fairgrounds site OFFICE.

Free parking for 5,000 vehicles - TALK-IN 147.15 (K4VLY Repeater)

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____ **Dealer Spaces ($10. ea space, 1 table is furnished)** (Note: Dealer Space/Table Rental Requires 1 Pre-registration Ticket Ea Person!)	$_____
____ **General PreRegistration ticket @ $4.00 ea**	$_____
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____ **Outside Tailgating @ $2.00 per vehicle**	$_____
____ **RV Hookup @ $12.00 per night** (Self-Contained RV's...Free)	$_____
(Dealers Are Responsible for Collecting NC Sales Tax) **Total Enclosed**	$_____

(Monies received after March 26th, tickets will be held at the door.) General Admission: $5.00 at the gate.

Name_____**Call**_____

Street_____**Phone**_____

City_____**State**_____**Zip**_____

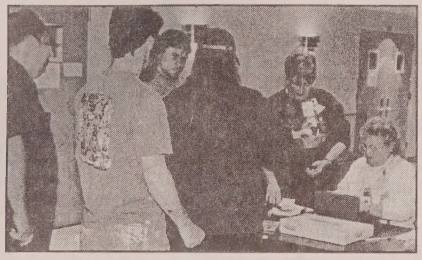
Email Address:_____

(Remit to: Jim Rogers, N4EUX, 4657 Celia Creek Road, Lenoir, NC, 28645)

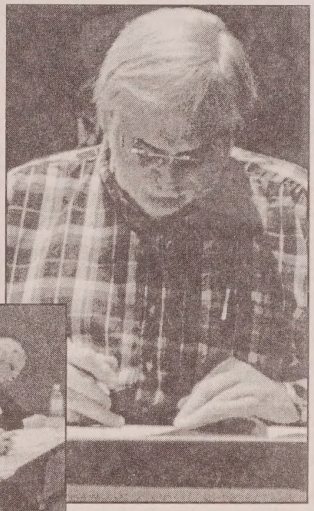
CALL (828) 758-5320 AFTER 7PM OR EMAIL bozo@abts.net FOR INQUIRES OR ADDITIONAL INFORMATION. ABSOLUTELY NO SPACE-RESERVATION REQUESTS, HOWEVER, WILL BE ACCEPTED BY PHONE, FAX, OR EMAIL !!! A proper and timely remittance is required to reserve space(s) !

First All Women's VE Session in Charleston

Charleston, SC now has the distinction of forming one of the first all woman's VE teams in the Eastern United States. The ARRL-VE team gave their first exam session on December 19th. The team is made up of 4 Extra Class and 3 Advanced Class. Pictured left to right: Liz Martin, AF4HU, Ann Johnson, AF4LN, Mary Favaro, AE4BX, Sheila Frank, KT4YW, Linda NeSmith, KE4MPY, Susanna Roth, KE4RVF and Jenny Myers, WA4NGV. *-Photos by Ed Frank KE2D.*



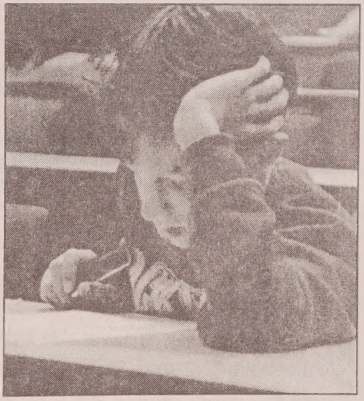
Linda and Jenny start registration at the front door, of those wishing to take exams on this historic occasion.



Stan Vernon, WD4ESO works dilligently answering the questions for his exam. He also successfully passed. He was one of many who took exams at the historic all woman session, which joins the all male team from the Charleston ARC.

The ladies are lined up, ready to grade exams as candidates complete their work. The seven woman ARRL-VE group are all members of the Charleston ARC. The club is very active in the community, holding ham classes and promoting amateur radio in the resort SC city. They plan exams at least twice a year.

Elizabeth gets ready to start the 20 wpm code tape. Hope everybodys ready to copy!



Logan Myers, age 11, agonizes over the questions at the examination session, but he was successful. He passed with flying colors.

"Grandma" Jenny waited on pins and needles for her Grandson to take and pass his Tech test. Meanwhile, she didn't hesitate to congratulate KF4OYY, Greg, who successfully upgraded to Advance class at the session.

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  Test Fee is $6.45 (Payable to WCARS/VEC) - exact cash or check, please
- CLINIC - How to Use New Technology Ham Radio Equipment
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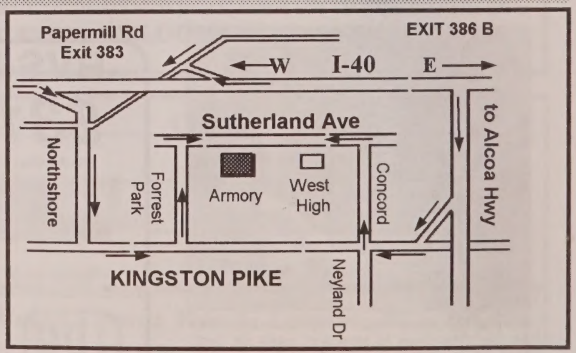

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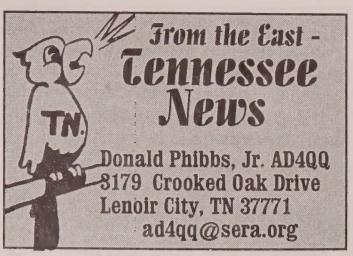

Hello again everyone. I hope everybody had a wonderful holiday. I hope each of you got the ham goodies you asked Santa for. If the big guy let you down, there is always next year. If you just can't wait for next year's delivery, then consider some of East Tennessee's hamfests coming up in 1999. (Check out the list in the Hamfest Calendar in the back of this book.)

A few upcoming ETN Hamfests

The January 2nd hamfest in Morristown kicked things off for the new year. Being on the 2nd of January, they can probably claim bragging rights as one of the first of the year anywhere in the country. Our feature writer, David Bower, K4PZT attended the show and said things were pretty good, except kinda cold. If you missed this one, put it down on your "must-do list" for the year 2000. Surely, Y2K will not be a problem for hamfests. The show is held at the Tally Ward Recreation Center. It was a great place to unload some of that Christmas cash that was burning a hole in your "lucky" DX pants.

The Oak Ridge Amateur Club (ORARC) will be holding their annual hamfest this year on April 10th. It will be held at the Old National Guard Amory in Clinton, TN. The Oak Ridge Club also holds monthly VE test sessions, on the first Saturday of eacyh month, depending on holidays and other events. For more information, Call Charles Davis, WA4PGV at (423) 531-9432.

The Kerbella Hamfest is planned for March 6th at Kerbella Temple in Knoxville. Kerbella Temple is near Baptist Hospital just a few minutes off I-40. If you have never been, find Baptist Hospital and just follow the ham plates and porcupine truck uphill to the temple.

The RACK Knoxville hamfest is slated for June 13th. This hamfest has been selected for the ARRL Tennessee State Convention for 1999. Use this hamfest to round up all those last necessities for Field Day 1999, which will be on June 27th. Maybe, if the dates for this hamfest don't change much in the years to follow, we could learn to use this one as the area's Field Day pep rally.

I started to report on the new Loudon County ARES group, but Mike Henry, the groups coordinator sent me a such a fine account of the group, I want to share it with everyone.

Mike sends us . . .

Loudon County ARES Group

Loudon County, Tennessee is one of the most scenic and peaceful locations in the country. Located in the Tennessee River Valley, at the foothills of the great Smoky Mountains, the area offers a friendly, relaxed lifestyle.

Unfortunately, the serene surroundings do not prevent the county from having its fair share of potential disasters. Two major interstates, navigable rivers, several rail lines, and various air corridors all combine to present a variety of hazards to the local population. Also, in surrounding counties, there are special hazards associated with the Department of Energy facilities at Oak Ridge and TVA nuclear power plants. Of course, there is no immunity from natural disasters as recent blizzards, floods, and tornados in East Tennessee have proven.

All of these hazards have the potential to require some form of emergency communications to support the local response efforts. This is precisely the reason the Loudon County Amateur Radio Emergency Service was formed. In the aftermath of a tornado that cut a swath through the center of downtown Lenoir City, it became clear an organized, trained group of local amateurs was needed to serve the community in these emergencies. Working in coordination with the Loudon County Emergency Management Director, Mike Henry, KM4H, started an organization campaign in the county early this year.

At the present time there are 15 registered members with more potential hams being identified. There was no hard sell required on the benefits of amateur radio - the county EMA Director, Bob Lewis is a ham himself! Several of the ARES members are also county reserve deputies, adding additional capabilities to the group. The membership is as varied as the ham ranks they draw from - members include senior citizens, housewives, students, and a variety of professional persons.

Since its organization earlier this year the group has already made great strides in forming an effective team. In addition to the normal ARES ID cards, Bob Lewis issued county emergency responder ID cards to each member. This will identify them as official members of any emergency response.

General operator training has been conducted and weekly 2 meter nets are held. Special training has been provided by the National Weather Service on severe weather spotting and by Lewis on the basic concepts of hazardous materials initial response. Other courses and training activities are planned for early 1999. As the ARRL appointed ARES Emergency Coordinator, Henry drafted an operations plan that was approved by Lewis and the county emergency communications director. Press coverage by the local paper has also highlighted the groups capabilities.

The Loudon County ARES group uses the 146.685 repeater located on Foothills Parkway, south of Walland, Tennessee. The repeater requires 88.5 Hz tone for access. The repeater is owned by Daryl Smith, KF4ARH. Since purchasing the machine, Daryl has made several upgrades that have significantly improved the performance. The group holds weekly sessions at 7:30 PM Thursdays. Visitors are welcomed. We look forward to hearing you soon!

* * * * *

Both Mike and Bob have done a fine job in recruiting members. They have worked hard to establish a long needed ARES group for Loudon County. We thank you guys for your time and for a job being well done.

Well, that is just about all I have for this issue. Once again, I extend an invitation for East Tennessee clubs, repeaters and individuals to send me news coverage for the Repeater Journal. Send me some mail, or e-mail about your upcoming events. Please put me on your newsletter mailing lists.

-Don, AD4QQ

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Join hundreds of your ham friends who support the SouthEastern Repeater, Association, Inc. (SERA), the local Non-Profit Frequency Coordinating organization - made up of repeater owners and repeater users in NC,SC,TN,WV,KY,GA,MS,& VA. Along with your membership you get free, the award winning *Repeater Journal* every quarter - February, May, August and November. SERA has worked hard for 27 years to keep our VHF/UHF bands working - your financial support of this great organization will enable us to continue this work.

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NC QSO Party to be Held on Feb. 27-28

-Special to the Journal

The annual North Carolina QSO party, sponsored by the Alamance Amateur Radio Club,Inc of Burlington, NC will be held from 1200-2359 UTC Feb.27 and 1200-2359 UTC Feb.28

This popular event has basically the same rules and goals as previous years.

The object: Out-of-State stations work as many NC stations as you can. You may work stations once per each band/mode combination for QSO points. Work NC mobiles again as they change counties for QSO points.

NC fixed stations work as many NC counties, States, Canadian provinces and DXCC countries as you can.

NC mobile stations work from as many NC counties to as many NC counties, States, Canadian provinces and DXCC countries as possible.

The exchange shall be: Callsign (NC mobiles please use identifier), QSO# and QTH (NC county, State, Canadian province or DXCC country)

Suggested frequencies are: CW - 3.540, 3.740, 7.040, 7.140, 14.040, 21.040, 21.140, 28.040, and 28.140; PHONE - 3.860, 7.260, 14.260, 21.360, 28.360. If using VHF and UHF, please no repeater or cross band QSOs.

Logging: Logs must be kept showing Sent QSO#, UTC, Band, Mode, Sent County/QTH, Call worked, Received QSO#, Received County/QTH, Points and New Multiplier#. Number each new multiplier as worked and include a separate multiplier checklist. NC mobiles please keep logs in order of NC county worked from.

Blank forms and multiplier list - available from K4EG for 9x12 SASE (55-cents postage), or you desire to download from <http://www.netpath.net/~n4mio/qsoparty.htm>, via email or packet. Make request to respected addresses below. Any requests,questions or comments please contact Dwayne, N4MIO at K4EG, on packet - N4MIO@WR4AGC.#DUR.NC.USA.NOAM or email - n4mio@netpath.net

Scoring: QSO - 1 point for each Phone QSO, 2 points for each CW QSO and 3 points for each NC mobile (either mode and again as they change counties) station worked. Multipliers - NC stations multiply QSO points by total of different NC counties, states, Canadian provinces and DXCC countries worked.

Out-of-state stations multiply QSO points by total number of different NC counties worked(max 100). Bonus - 100 points for working both Cherokee (Mountains) and Dare (Coastal) counties and another 100 points for working station K4EG. NC mobiles add 100 bonus points for each county from where at least one QSO was worked.

Add bonus points after all calculations.

Mix & Match Award Categories - Plaques will be given for first place entries that fulfill at least two combined categories below:

Fixed Station - Permanent operating location.

Mobile - Operation from a motor vehicle.

HF Bands - All contacts made on amateur frequencies below 30 MHz.

VHF/UHF Bands - All contacts made on amateur frequencies above 30 MHz.

Mixed Bands - Contacts made on HF and VHF/UHF.

Club - At least three operators using club call and station.

Team - More than one operator's combined scores using individual calls.

Single Op - One operator making all the contacts using his/her own call.

Multi Op - More than one operator using the call of a control operator.

Novice - Operator(s) holding a Novice class amateur radio class license.

QRP - All contacts made operating with RF output power of less than 5 watts.

In-State - All contacts made from within the state of North Carolina.

Out-of-State - All contacts made from outside the state of North Carolina.

Mail Forms: Logs and score sheets must be postmarked by April 1, 1998 to NC QSO PARTY c/o K4EG, PO Box 3064, Burlington, NC 27215. Include 9x12 SASE (55-cents postage) for results and certificate. Results will be posted via packet and world wide web - <http://www.netpath.net/~n4mio/qsoparty.htm>

Please join in and help us make the NC QSO Party a huge success!

Saturday July 31, 1999 The 24th Annual WCARS

WESTERN CAROLINA HAMFEST AND COMPUTER SHOW

At The Haywood County Fair Grounds *(Exit 24 off I-40 and Exit 104 off US 19-23)*

■ Amateur Radio ■ Computers ■ Electronic Equipment
■ Software ■ Bingo ■ Books ■ Food ■ Much More
■ License Testing by WCARS-VEC

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PRE-REGISTRATION PRIZE - DRAWING JULY 31
Other Prizes and Hourly Drawings. Extra Prize Tickets Available.

FOR ADVANCE TICKETS WRITE:
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P.O. BOX 1488
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Contact The HAMFEST CHAIRMAN:
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Email: hamfest@dxpub.com

Let's Look at it- this way!!

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Safety is a Sacred Cow

An article in the "Farm Bureau News"[1] starts off with "Have you ever seen a nail break after being struck by a Hammer?" What the article is going to tell you is that you always should wear safety goggles when doing anything. It offers as support such statements as "Forty-five percent of all disabling eye injuries can be traced to accidents occurring in the home." Could you possibly be against the American way of life, Motherhood or SAFETY? When something is done in the name of SAFETY, all other considerations are reduced to rubbish and only vile heretics would even mention them. So, now you know in what class to put me.

The fact is that no modification (imposition) on the way we move and conduct our lives is without benefits and penalties. Can you really say that you see as well when wearing goggles as without them? Who has done the study to discover how many cut fingers, bumped heads, bruised elbows, burned hands, foot injuries, .etc. have occurred for every eye that has been saved from a dust particle by scratched, ill fitting goggles? Your lawn mower has a safety bar which stops the engine when you let go of the mower. This is great if the mower gets away from you. How much more dangerous it is, however, to stretch and contort while holding the safety bar as you reach to remove from your path a bit of junk that you don't want to run over. Your seat belt greatly increases your chance of survival if you have a collision (within some finite band of severity). How much does the probability of collision increase because the driver is constrained in movement, and must struggle with the belt to get things from the glove compartment or from behind him in the rear seat? (Since we all know that he shouldn't be doing this, it isn't the seat belt's fault when he gets killed.)

Yes, its alright to talk about statistics, but what if it were your husband who died in this car accident, or got his eye put out or got his foot cut off? The ultimate appeal is the personal one, which seems to transcend all logic or rational thinking. The chances of this happening may be only one in a million, but would you want it to happen to you? And what would you pay to prevent it? How about ten million dollars? Or perhaps you would cut off an arm to reduce the likelihood of an eye injury? Oh, come on ... Let's be reasonable.

OK, we'll come back to that.

We live with a multitude of hazards every day, and unconsciously accept them. If you knew for a fact that if you got out of bed tomorrow and went about your regular routine, that there was one chance in fifty thousand that you would die that day, would you do it?

Take heart! No one's odds are better than that on any day, yet we do get up and go about our regular routines. When taken objectively, that could be a basis for evaluating whether specific safety measures make sense. If a hazard is identified and preventive measures are undertaken to reduced likelihood to a level well below the hazards in the rest of our life, that should be sufficient. To pay a large amount to reduce it further is nonsense.

I have had occasion to discuss safety with officials in several large organizations including private companies, national labs and municipalities, and have been astounded and dismayed to hear zero tolerance so frequently instituted. The official policy is a goal of absolutely zero accidents. This makes great public relations, and if the employees believe it and don't think about it too much, it helps morale, but as a working criterion it is abject insanity.

Think with me for a minute of a typical scenario. A hazard is identified so it is decided to put a guard up to protect against it. Yes, but what if someone slips around the guard on this side. Well, this must be taken into account, so the guard must also include measures against this. Yes, but what if someone is carrying a thing which will fit into there? Well, we must not allow this to happen so these crevices must be filled. Yes, but if the crevices are filled operability suffers and access is denied. Well, design modifications must be implemented to account for this. Yes, but what if it is hit by a truck. Well, we must be sure it is strong enough to stand the impact. Yes, but what if it were hit by a tank? The depth of "what if's" is endless and all must admit that, in spite of absurdly low likelihood, each suggestion is possible. The probabilities become extremely small but they are not zero, and we have set ZERO as an official policy. Every sophomore knows that anything divided by zero yields infinity, so the cost of protection with a zero probability of accident is logically infinite.

But life bumbles on, and things actually get done, even in those institutions with a zero policy. What actually happens (and it always happens) is that someone along the line disregards the policy with an attitude of "we must be reasonable about this...", and takes it upon himself to decide what is "reasonable." It is sometimes the cop on the beat, or perhaps a middle manager sitting behind a desk, or a judge, or an over zealous safety inspector, or maybe a committee who finally fixes the silly "zero" policy. In virtually no case does the procedure invoke any analysis or involve qualified people. In no case is attention called to the fact that the zero policy has been compromised at an arbitrary (often stupid) point.

Perhaps, because we are dealing with people and people personalize everything, a rational approach to safety may be impossible. But, for the record, the theory is in place and one can contemplate a means. The first and necessary step is to accept the fact that the value of human life is finite. Of course, to each individual the value of himself to himself is boundless. But there are multiple millions of lives comprising our culture, and when we start assessing some against others we are required to think of something like a "market value".

If one were to study government policy on such things as energy it would be discovered that we have already sacrificed hundreds of thousands of lives to reduce the probability of loss of many fewer by banning and/or supporting particular energy sources. Here "safety" was the main consideration.

In the eighteenth century we read that pirates had worked out a scale for the value of body parts lost in fighting engagements: so many pieces of eight for a leg, and so many for an eye, etc. It made sense to them, and we are making an awful mess by rejecting the notion today. Insurance companies and litigation courts do put values on human life and suffering, but the numbers are severely distorted by wild extenuating circumstances and vary over several factors of ten.

Oddly, it isn't always the most valuable members of society who receive the greatest compensation in court.

I should explain that I am not opposed to accident prevention and safety policies. Rather, I think this is so important that I consider it sinful to do it badly. This applies to both institutional and personal policy. The tacit assumption that when the word "safety" is invoked all thinking should shut down and everyone should, with religious obeisance, blindly comply has been so badly abused that we now must occasionally ask, "Does this really make sense?" With a realistic value for a life, even an approximate one, we could compute the relative cost of an accident, and from that the amount that we might reasonably spend on reducing the probability of its occurrence (on safety). It would no longer be true that anything and everything is justified in the name of safety. We could establish reasonable and realistic criteria through formal and rational processes and weigh one alternative against another. How much better than relying on the gut feelings of emotional zealots.

(1) Dr. Ray Legen (Optometrist), "Safety Eyewear - A Must for Home Repair Projects", North Carolina Farm Bureau News, June 1998.

HAMFESTS CANCELLED

The following hamfests have contacted us and reported they will not have a show for 1999: Concord, NC, Aiken, SC, Anderson, SC, High Point, NC, Wheeling, WV. In addition, the following have not set a date which will change from last year: Charlotte (W4CQ), NC, Gastonia, NC & Roanoke, VA.

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20877

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UG-21D/U N Male for RG-213/214 ..... $3.25

N Connectors for 9913/Flexi4XL/9096

UG-21B/9913 .....$5.75 **Pins Only**..... $1.50
UG-21D/9913.....$4.00 **Extra Gasket**..... .50

Amphenol 83-1SP-1050 PL-259 ..... $0.90
UG-176/U Reducer RG-59/8X ... .25 or 5/$1.00
UG-175/U Reducer RG-58/58A ... .25 or 5/$1.00
J&I Silver Teflon PL-259 MIL-Spec .....
.....$1.25 or 10/$10.00

MIL-Spec Coax Available (Teflon, PVC 11A) Certified CQ Flexi 4XL811A (Flexible 9913)

New Product: International's 9096-2A Low Loss RG-8 Size, Stranded Center Conductor Same Specs As 9913. .... .70/ft or $59.00/100ft

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NINTH ANNUAL

DOWN EAST HAMFEST

Sunday, March 21, 1999

8 AM until 3 PM

At the

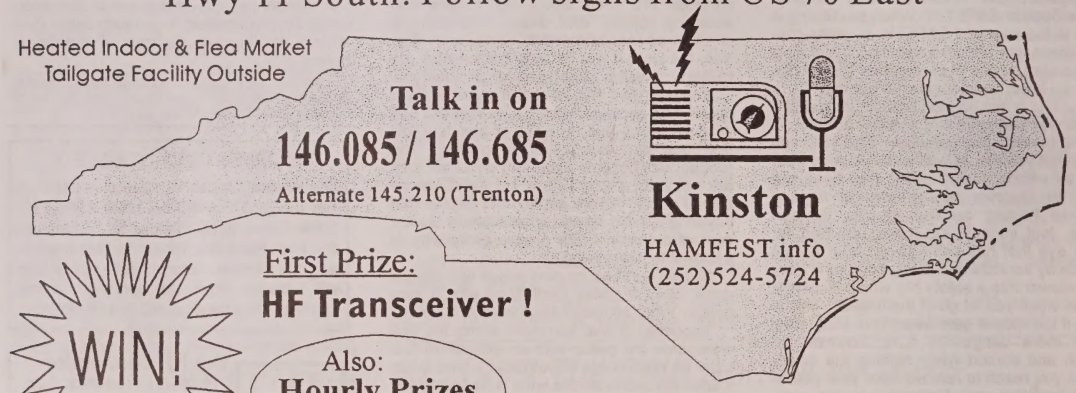
Lenoir County Fair Grounds

Hwy 11 South: Follow signs from US 70 East

Prizes

Bigger & Better

Heated Indoor & Flea Market
Tailgate Facility Outside



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First Prize:
HF Transceiver !

Also:
Hourly Prizes
(Must be present to win)

ADMISSION

$4 each or 3 for $10 in Advance
(pre-register by March 13, 1999)
$5 each or 3 for $12 at the Door

Tables available through pre-registration on a first come - first serve basis. Locations are assigned by HAMFEST.

FCC EXAMS

Bring an original and a copy of your license or certificate and Credit Certificate (if applicable). Walk-ins only !

Exams start at 11 AM

Pre-Registration Form
PLEASE PRINT CLEARLY

Name: _____ Call: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _(___)_____

Economical Meals and Refreshments Available on the Grounds.

WIN!
Pre-Registration Prize
2 Meter Handy-Talkie

Send completed form and SASE to:
Down East Hamfest, Inc.
P.O. Box 1778
Kinston, NC 28503

TICKET/TABLE INFORMATION

Quantity		Amount
___	Advanced Tickets $4 Ea.	
___	or 3 for $10	
___	Tables: $10 Ea.	
___	Electrical Outlets $5 Ea.	
	Total:	

Forms must be received by March 13, 1999 !

SERA at the Hamfests!

SERA finished up 1998 visitations at the Greensboro (NC) hamfest. At left, NC. Asst. Director, Frank Lynch, KE4ZEQ shares a light moment with local repeater owners. Center, our "Happy Hamette" - Cindy Rogers, KR4LS waits as Lyle Palmer, KI4BH, Virginia (West) RJ Correspondent finishes some membership paperwork. Many new members joined at the show.

SERA At the Gray, TN Hamfest in October

SERA at Knoxville, TN. Carl Sellers signs up!

At the Hickory (NC) Hamfest in October,NC Vice-Director, Lin Couch, K4OLC signs up new members for SERA.

Grinning and posing at the SERA booth with Journals at the Chattanooga, TN hamfest, SERA Journal writers Bob Gault, KD4NEC and David Bower, K4PZT

Frank Lynch, KE4ZEQ, NC Asst. Director works potential members at the Benson (NC) hamfest in November.

Tom Morgan of C.T. Morgan Assoc., hawks the Journal at Chattanooga.

Kathleen of Rosewood (Books) hawks the Journal at Huntsville, Al.

Coming to a Show Near You!

Our SERA officials will be making an extra effort to visit more shows in 1999. We're already committed for the 1st quarter of 1999 to: Morristown, TN, Greenwood, SC, Richmond, VA, Winston-Salem, NC, Jackson, MS, Elkin, NC, Dalton, GA, Fayetteville, WV, Knoxville (Kerbella), TN, Charlotte, NC, Marietta, GA, Charleston, WV, and Kinston NC. We hope you will come by and say hello. The SERA officials will also try to answer any questions any of you might have. See you at the local Hamfest!

Repeater Journal Hamfest Advertisers In This Issue

The following hamfests are utilizing the SERA Repeater Journal as their advertising vehicle to promote their show. Let them know you appreciate their support & wisdom.

CLUB/HAMFEST	SHOW DATE	AD LOCATION
Cary (NC)	Jul. 17	Pg.48
Charleston (WV)	Mar. 21	Pg.54
Charlotte MARS (NC)	Mar 13-14	Pg. 4-5
Durham (NC)	May 29	Pg.55
Elkin (NC)	Feb. 21	Pg.20
Fayetteville (WV)	Feb. 28	Pg.16
Greensboro (NC)	Nov. 27	Pg.17
Kinston (NC)	Mar. 21	Pg.46
Knoxville-Kerbella (TN)	Mar. 6	Pg.52
Knoxville-RACK (TN)	Jun. 13	Pg.42
Morganton HF	Apr. 10	Pg.40
Raleigh (NC)	Apr. 11	Pg.49
Shelby (NC)	Sep. 4-5	Pg.57
WCARS (NC)	Jul. 31	Pg.44
Windsor-Salkahatchee (SC)	May 1	Pg.56
Winston-Salem (NC)	Jun. 12	Pg. 8-9

Attend and Support as many of your area shows that You Possibly Can. Tell them you saw their ads in the Repeater Journal! Over 85 Show ads from the SouthEast have utilized the Journal in 1998.

On the eve of a new year, as I write this. My wife and I will be heading to Florida early tomorrow morning. I am so grateful to get away from this ice storm cycle! The 98 Ice Storm on Christmas Eve was so bad . We were without power for 28 hours, and we were the lucky ones ! It seems that the state of Virginia did not activate ARES but some localities did.

It looks like the 443.55 repeater is moving from Smithfield to Yorktown, about 12 miles north from where it was.

The 145.33 Tidewater Wireless repeater club is keeping me in the news updates by putting me on their clubs electronic newsletter subscriber list. I do invite any club or individual to put me on their list to receive their electronic newsletters at W1CLS@sera,org Remember, I cover the eastern half, Lynchburg eastward of Virginia.

It seems that Tidewater Wireless is having the same delema we all do in the Tidewater area. What localities do you include in the emergency phone number autodial? We are seperated by water on three sides on the peninsula and Norfolk/Virginia Beach on two sides. So we have the South Tidewater Codes and the Peninsula codes, what a mess.

Check out the W4VB web site at: http://www.geocities.com/CapeCanaveral/Hangar/3488/

The Western Tidewater Repeater Assoc. also keeps me up to date by sending me their newsletter. They report that the VHF repeater is up and running ok now that they have a new antenna up . The desense problem they were having is now not as bad as it was .

Earl Moore is now running a ARES packet net on 145.73 or 145.67. Email him at www.qsl.net/kr4ma for more info.

Some new calls in the area : Virginia State EOC - old/W4ZA new/WC4VA

But do remember that the Digital call remains VA EOCSkywarn NWSO Wakefield was KO4RK is now - WX4AKQ.

Please please please send me all your club or repeater info so I do have something to write about! I really need your help on this.

Thanks and everyone have a safe and prosperous new year. *-Mike Brigham W1CLS*

Southern WV AR Association Volunteers to Help Fight MS

-by Robin White - info@wv.nmss.org

Members of the Southern West Virgnia Amateur Radio Association have volunteered for the past five years in September for the MS 150 Bike Tour. The event begins in Lewisburg, WV, overnights at Snowshoe Mountain Resort, and then returns to Lewisburg the second day. For the past three years Amateur Radio Operators have enabled communications on both the road and the Greenbrier Trail for the event. This year 221 riders were tracked over 152 miles on the road and 120 miles on the trail; with 26 rest stops along the way.

"Without the help of the Amateur Radio volunteers we could not do this event," states Patricia Snodgrass, Chapter President of the West Virgnia Chapter of the National Multiple Sclerosis Society.

"I would really like to thank all of them who give of their time and more to help us for the entire weekend," adds Robin White, coordinator of the event, "All put many miles on their vehicles making sure riders arrive safe and sound."

Volunteers included: Jim (WB8DMS) and Nancy Coleman (Jim coordinates Amateur Radio volunteers), Dr. Paul (KD8WY) and Lois Herr (Paul also doubles as a medical volunteer), Bill Cissel (KB8NWU), Connie Johnston (KB8TEI) and his wife Bernice (KC8DLN), Aaron (KG8BR), Patricia (KC8HVH), and Adam Moody, Dave Bliel (NY8G), Wayne Boone (WB8SPW), Larry (KC8JRB) and Frankie Musselman, The David Gordon (KB4LCI) Family, Harry Sergent (KF8TQ), and Mike (KC8DLM) and Susan (KC8GJZ) Goode, Leonard Osborne (N8DIS), and Helen and Larry Groves (N8KUK).

The National MS Society's mission is to end the devastating effects of multiple sclerosis.

Funds raised are used to support services provided by the Chapter including equipment loan closet; daily information and referral; and more.

CARY
N4NC
Amateur Radio Club

27TH ANNUAL CARY MID-SUMMER SWAPFEST

ARRL

SATURDAY JULY 17, 1999 - DOORS OPEN AT 8:00AM
TALK-IN ON 147.15+ - TICKETS $5.00 (ADVANCE $4.00)
DEALERS, PRIZES, EXAMINATIONS, FORUMS

Weapons and pornographic materials may NOT be displayed or sold at the SwapFest site.

PRE-REGISTRATION FORM (POSTMARK BY JULY 10, 1999)

Name _____

Address _____

City_____State___Zip_____

___Pre-registration tickets @ $4.00 ea $_____

___ Tables (6') @ $10.00 ea $_____

TOTAL ENCLOSED $_____

Call _____

Mail to: Cary Amateur Radio Club, PO Box 53, Cary, NC 27512
INCLUDE S.A.S.E. (No S.A.S.E - Tickets held at door)

RARSFest 99

Hamfest & Computer Fair
Sunday, April 11th, 1999

Jim Graham Building
NC State Fairgrounds
Raleigh, NC
$5.00 Pre-registration
$6.00 at the door
Free Parking!

Hours: 8am to 4pm

Hamfest Prizes

FIVE ICOM 207-H Dual Band Mobiles one given away each hour on the hour between 10 AM and 2 PM

ICOM 706 HF Transceiver given away at 3 PM

CASH $125 preregistration prize

You need not be present to win the prizes listed above.

Special Interest Meetings

ARRL Forum with Roanoke Division staff, Army and Navy MARS, NTS, ARES, APRS, and QRP forums. **Times will be announced at the Hamfest. No DXCC QSL card checking this year.**

Hamfest Contests

Cash Prizes: **Homebrew Contest, Mobile HF Installation Contest,** and get in on the fun of the **QLF & QBH Contests** where you compete to send the best and clearest CW with your **left foot** and **Both Hips**!

Call Rick Merkle KA3PSK, (919) 870-8268 for contest details.

RARSFest Social Saturday Night

Welcoming reception Saturday night 7-9 PM in large meeting room inside the hamfest building. Enjoy fellowship and refreshments! RARS members please bring dish to share with others.

• 110,000 sq.ft. All Indoor Space

Vehicle-accessible indoor (only) space! Regular fleamarket, vendor area and fully equipped dealer area space available. One 8' table with 2 chairs is $10.00. Five or more tables are $9.00 each. 120-Volt AC power is $15.00 per connection **(bring your own extension cords). No food, drink, pornographic materials, or weapons** may be sold or donated per Fairgrounds regulations. Call for dealer booth information. Contact: *Chuck Littlewood, K4HF, (919) 872-6555*

• Amateur Radio Exams

Walk-in registration and testing begin promptly at 11:00 AM in a nearby building (Location to be announced at Hamfest). You must show a picture ID to register. Bring original and photocopy of present license and/or any certificates for completed elements. Cost for exam is $6.45. Questions? Contact: *Charlie Brown, 13033 Powell Rd., Wake Forest, NC 27587 phone (919) 556-8551 email W4VFJ@AOL.com (Exam information only, please).*

Pre-registration Form (Must be received by April 2, 1999)

*Print clearly, **include S.A.S.E. or tickets will be held at the west door.** Make checks payable to "RARSfest"*

Name:_____ Call:_____

Address:_____

City:_____ State:_____ Zip:_____

____Pre-registration tickets @ $5.00 ea $_____

____Tables 1-4 with 2 chairs @ $10.00 ea. $_____

____Tables 5 + @ $9.00 ea $_____

____120-Volt AC power @ $15.00/connection $_____

Total enclosed $_____

Mail to: **Wilbur Goss, WD4RDT, 4425 Watkins Road, Raleigh, NC 27616**

Members Draft Historic Proposal

NFCC PRM Committee Meets in Washington

Members of the National Frequency Coordinator's Conference (NFCC) met in Washington, DC at the law offices of Chris Imlay, ARRL General Council. The purpose of this meeting was to redraft the Proposal for Rule Making to amend Part 97 of the FCC Regulations in language that is commonly held to be acceptable to the commission. This proposal, if adopted by the commission, would formally recognize Amateur Radio frequency coordination and the entities that provide these coordination services. Pictured at the meeting included - in the Back row (L-R): Gary Hendrickson, W3DTN, Severn, MD; Hugh Turnbull, W3ABC, College Park, MD (ARRL Vice Pres.); Whit Brown, WB0CJX, Golden, CO; Don Williams, W4VT, Bluefield, VA; Owen Wormser, K6LEW, Washington, DC; Bill Kelsey, W6QC, Chino, CA; Chris Imlay, W3KD, Colesville, MD (ARRL General Counsel); and Clay Freinwald, K7CR, Auburn, WA. In the Front row: (L-R): Dick Isely, W9GIG, St. Charles, IL (Pres., NFCC); Nels Harvey, WA9JOB, Mequon, WI (Chmn. PRM Committee); Steve Mendelsohn, W2ML, Dumont, NJ (ARRL Exec. Vice Pres.)

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Electronics Flea Market -
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DOWN EAST HAMFEST
Kinston, N.C.
MARCH 21 1999
Information - (252) 524-5724

Welcome To The Durham FM Association
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DURHAM - 145.45 444.10
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Dial *914 For Highway Patrol-Raleigh
DFMA Meets Second Tuesdays at 6 PM
147.225: Home of the "Possum Trot Net"
6:15 - 7:15 AM Monday - Friday

Seeing is Transceiving

Portable SSTV is here! Kenwood's new VC-H1 Visual Communicator combines an image-scan converter, CCD camera and LCD monitor in a compact battery-operated unit. Simply hook it up to your Kenwood transceiver to start sending and receiving color images over the air.

VC-H1 Visual Communicator

◗ Ideal for outdoor SSTV

Until now, for anyone interested in SSTV (slow-scan television), portability has not been an option. But thanks to component miniaturization the VC-H1 is not only small enough for handheld use but it runs off 4 AA batteries so you can take it anywhere. This makes it ideal for field days, special events, disaster communications and even fishing trips.

◗ Full compatibility

The VC-H1 can be connected to any transceiver with just a cable, and it offers full compatibility with all of the standard SSTV formats. Uploads/downloads are quick and easy; the images are also sharp and clear.

◗ All-in-one design

In addition to the detachable 1/4-inch CCD camera, the VC-H1 features a 1.8-inch color TFT (thin film transistor)-type display. As well as viewing incoming pictures, you can review your own prior to transmission. The built-in microphone & speaker can be used in place of a separate speaker-microphone for your transceiver.

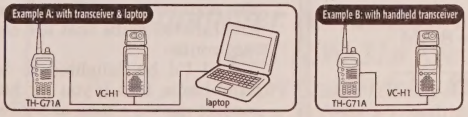
◗ Image memory

Up to 10 pictures can be stored in memory. This allows you to compare and pick the best shot to send. You can also store incoming pictures and protect them from unintentional deletion.

◗ Computer connectivity

One of the great features of the VC-H1 is the ability to work with a personal computer. Hook it up to the RS-232C port on your laptop using the optional connection kit (includes Microsoft® Windows® 95 software) and you can save pictures (in JPEG format) that you send and receive. You can then cut and paste using standard graphics software, or even superimpose your own text. What's more, you can actually control the VC-H1 from your computer.

- **Call sign superimpose**
- **AF mute**
- **Auto power-off**



TH-G71A
144/440MHz
FM Dual Bander

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- 200 memory ch. with alphanumeric display
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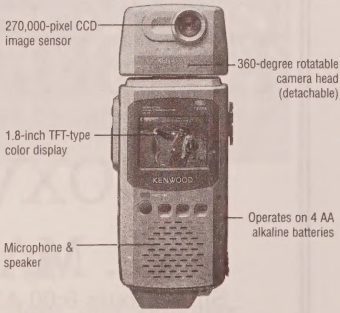
270,000-pixel CCD image sensor
360-degree rotatable camera head (detachable)
1.8-inch TFT-type color display
Operates on 4 AA alkaline batteries
Microphone & speaker

SPECIFICATIONS

• Terminals : Data I/O (for transceiver), Video in, Video out, COM (for computer),DC IN (4.8 ~ 7.0V) • Dimensions, projections not included (WxHxD): 2-5/8 x 1-3/8 x 6-3/4 in (62 x 30 x 160 mm)

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SunRayce 99 - Race Route in June

-by Bill Eccles, KE4VT/9

Sunrayce 99, a nine-day race of solar-powered vehicles from Washington to Orlando, snakes through much of SERA territory. All the cars are built by college students and use only energy from the sun to make them go.

The last issue of the SERA Repeater Journal told about the race. Now it's time to take a look at the actual route.

The map shows where the race is going each day, with starting and ending points, midday stops, and a few other towns and cities. As many as 40 cars could be on the route.

While some of the path looks like it might be on interstates, the race is run entirely on "blue highways." For example, the route from Charlotte to Greenville looks like it might be on I-85, but it's really on the almost-parallel US 29.

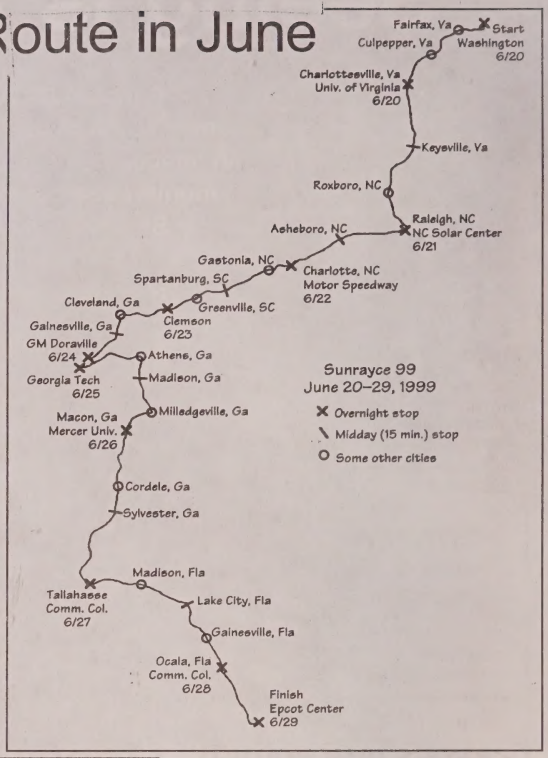
Each race day begins at 10 a.m. with cars departing at one-minute intervals. Each car must finish within eight-and-one-half hours, plus a fifteen-minute required midday pause. Cars that don't make it to the finish line must be trailered in, with time penalties assessed for doing this. The race is run entirely on total elapsed time, plus time penalties.

All vehicles must follow all traffic regulations, including speed. The maximum speed allowed anywhere is 55 mph, although many of the cars can go quite a bit faster. (My school's car has been clocked at almost 80!)

Where do hams fit in? Well, it's only through ham radio that the folks at the finish line know whose cars are where. So while hams don't control the race in any way, they make it possible for spectators and officials to know how the various teams are doing.

The ideal arrangement each day is to have a ham network consisting of five stations:

■ Starting line to report actual starts so the route coordinator knows if any cars had problems or delays.



The Shriners of the Kerbela Amateur Radio Service Proudly Present the

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KNOXVILLE, TN

SAT. MARCH 6, 1999

Show Hours 8:00 AM until ??? (not later than 4:00 PM)

Admission $5.00

Indoor Vendor Tables are $8.00

Plus admission of $5.00

Setup Friday from 4 to 8 PM and Saturday 5 to 8 AM

Overnight Security is Provided

Talk-in on 144.83-145.43 or 146.52 simplex

Smoking indoors permitted in designated area only

For Additional information contact

Paul Baird, K3PB

1500 Coulter Shoals Circle - Lenior City, TN 37772 (423) 986-9562

■ About one-quarter of the distance along the route, positioned to get a close view of the cars so the car numbers can be read.

■ Midday stop where all cars must pause for at least fifteen minutes (unless they never get that far!).

■ Three-quarter point.

■ Finish line, where a chart is kept of the progress of each team.

The story in the last issue got a good response. I've heard from KD4SHK of the ARES in Coweta County, Georgia; KF4JVD (one of our alumni!) in Atlanta; N4FWA of the Albemarle ARC in Charlottesville; WB4BDP in Warner Robins, Georgia; KD4MJO in South Hill, Virginia; WA4JYA in Winder, Georgia; W4KMA of the Stanly County (NC) ARC; N4KHQ in Daholnega, Georgia; and KN4AQ of the Raleigh ARS. Thanks!

In the next month or so I'll be contacting hams who've responded. I'll also contact, by snail-mail, each of the ARRL-listed clubs that are close to the race route.

And I'd be delighted to hear from other hams, too! If you can help, please contact me via e-mail at wj@eccles.net, by landline at 812-877-8135, or by snail mail at Rose-Hulman #121, 5500 Wabash Avenue, Terre Haute, IN 47803.

There remains only the May issue of the Repeater Journal before this June race is run. If you plan to volunteer for assisting in communications, you probably should submit your name within the next few weeks.

Computer Automation Technology, Inc.
CAT-700 Repeater Controller

Attention Remote Base Operators!

The CAT-700 is an affordable priced repeater controller with a voice synthesizer and the ability to control Kenwood mobile transceivers. With a direct connection to the transceiver's microphone jack, frequencies can be changed, memories can be selected and the CTCSS encoder/decoder can be controlled with DTMF commands entered through the repeater's input.

Features Include:

* *(20) Voice Messages*
* *Kenwood Transceiver Tuning*
* *Voice Synthesizer*
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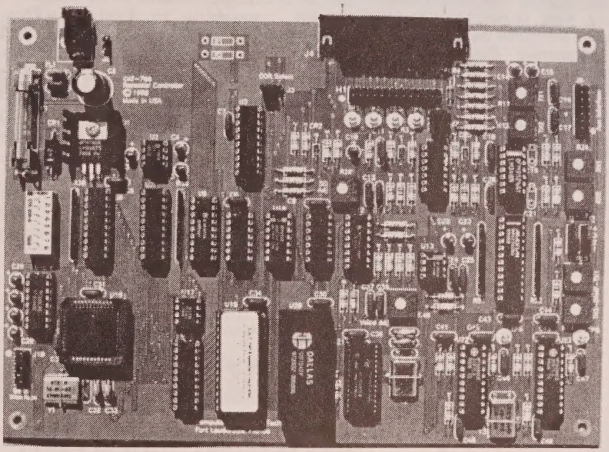

CAT-700 Repeater Controller $499.00

For a brochure describing the CAT-700, including specifications and repeater interface information, visit us a www.catauto.com or call (954) 978-6171.

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Internet:http://www.catauto.com

This message is relayed to us from the SERA Mississippi Vice-Director, Joe Wood, AJ0X:

To all Mississippi repeater owners:

We know you have had some delay problems recently trying to get repeater coordination, or have some updates and corrections made. We are "fixing" that problem and will get things back to proper order as soon as possible.

Please be patient. If you have a coordination or a request that has not been acted upon in the past few weeks, contact me directly, and I'll take care of you. If you need coordination papers, contact me and I'll get you some. Keep in mind coordination forms are also on the SERA web site.

We promise - things are gonna get better. Just work with us . . . SERA is alive and well in Mississippi.

-Joe Wood, AJ0X, SERA MS Vice-Director.

There are many ways for us to communicate nowdays and one of them provides a service that allows all repeater owners and trustees to communicate their suggestions and thoughts regarding repeater operation, technical issues, coordination and related

Continued on Page 56

Repeater Activity Picks up In Rocky Mount (NC)

-by Carl H. Briley, Jr., N4JEH

FM repeater activity is picking up in the Rocky Mt (NC) area. We have placed new 6M and 10M repeaters in the area, and they are up and running.

The 6M machine is a GE Mastr II unit running 75W with an antenna at 180-feet. Mobile coverage is possible within a 30 mile radius. A 440 link allows access to the 444.700 repeater hub which also connects to other repeaters. The 52.05-53.05 is carrier squelch and open to all who can access it.

The 10M repeater 29.56-29.66 also provides some very interesting activity since it was placed into service last Fall. This machine is also a GE Mastr II unit running about 75W. It is also carrier squelch control.

In addition to these two repeaters, Carl, N4JEH has networked with Tripp, N4NTO to install a 70 cm machine in Tarboro. This 444.500 repeater is in downtown Tarboro with antenna at 130-feet, at 20 watts, providing about 90% coverage to Edgecombe county. It is accessed with a CTCSS tone of 100 hertz, and like all the repeaters in the N4JEH system, are open for all to use.

An interesting feature to this repeater, is that it is linked into the 444.700 hub repeater in Rocky Mount. H/T communication coverage in the town of Tarboro to H/Ts in Rocky Mount is now possible.

Currently open discussion is ongoing with the Emergency Services authorities in Edgecombe County as to this repeater's flexibility and uses.

The 444.700 machine supports the Tuesday night ARES net by functining as the hub or linking repeater, providing the means necessary for communications through the 147.12 RMARS repeater, the 224.58 Rocky Mount, the 146.76 repeater Wilson, and the 145.31 N4WFU Roanoke Rapids. Traffic handling is usually conducted by net control, Rick, KF4NOV.

There are future plans for additional repeaters. Immediate plans include a new KF5TU 442.35 machine at Lake Gaston, to be added to the linked system.

We wish to thank all those who have contributed to, as well as provided support during this initial phase of implementation, and upgrades.

"Going the extra mile" thanks goes to: Rick, KF4NOV, Fred, KE4LXW, and Bill WA4TCC our Chief Engineer. A special note of thanks also goes to Frank Lynch, KE4ZEQ, SERA NC Vice-Director for his high level of professionalism and prompt attentiveness in coordinating frequencies to make the installation of the Tarboro, 440, the six, and the ten meters possible.

If in the area, try our machines! We're doing some pretty wild contacts with the use of just handheld radios.

The 15th Annual

Charleston Area Hamfest and Computer Show

Sunday, March 21, 1999

8:30 AM - 3:00 PM

Charleston Civic Center

Charleston, WV

Talk in – W8CHF – Repeater 145.35 ; Simplex 146.52

Drive in to Unload at 6 AM - Autos must be out by 8:15 AM

Doors re-open at 3:15 PM for loading - Ample parking

For details, contact Jimmie Hewlett, WD8MKS (304) 768-1142 / FAX (304) 768-9788

E-Mail crwhamfest@juno.com, or write: P.O. Box 916, St. Albans, WV, 25177-0916

Pre-Registration Information

Tables: Pre-registered by March 1st - $9.00 per table, at the door $12.00, no limit

Electric: Pre-registered by March 1st - $15.00 per hookup, at the door $20.00

DXCC Field Representatives will be available to check QSL cards that meet field checking requirements.

VE Testing – 12 Noon

SATURDAY MAY 29,1999

8:00 AM TO 3:00 PM

SOUTH SQUARE MALL

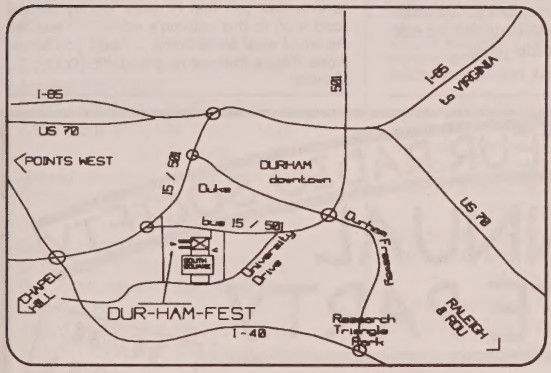
DURHAM, NORTH CAROLINA

TWENTY-FIFTH ANNUAL DUR-HAM-FEST

AT THE FRONT OF THE MALL ON BUSINESS 15/501

ENTIRE MARKET UNDER ONE ROOF--BUY AND SELL, RAIN OR SHINE

DEALERS, NEW AND USED EQUIPMENT, PARTS, COMPUTERS



! PRIZES !

BRING THE FAMILY !

FCC EXAMS

PREREGISTRATION REQUESTED

WALKINS OK; TESTING 10 TO 1:00

CONTACT DAVID SNYDER, W4SAR
4505 GOVERNOR HUNT STREET
EFLAND, NC 27243

(919) 644-8681

TICKETS: $5 AT THE GATE, $ 4 IN ADVANCE

ADVANCE TICKETS WITH **SASE** RECEIVED BEFORE MAY 10, OTHERWISE WILL BE HELD AT GATE.

TABLES $10 WITH PREREGISTRATION, $12 AT THE GATE, AS LONG AS THEY LAST

TAILGATERS $5 PER SPACE, PLUS ADMISSION

GENERAL INFORMATION AND TICKETS
JOSEPH FIELDS, HAMFEST CHAIR
1014 JEROME ROAD
DURHAM 27713 (919)596-3738

VENDOR TABLES AND TAILGATERS
RODNEY DRAUGHN, VENDOR CHAIR
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SPONSORED BY THE **DURHAM FM ASSOCIATION**

AND THE **FRIENDLY , OPEN REPEATERS, WR4AGC**

TALK-IN → 147.225 (UP), HILLSBOROUGH

KM4UO DESIGN

News from the WV Southern Appalachian Wireless Society

-by Eddie Tussey, KB4UCE

As we ended the old year and started the new, SAWS would like to thank The SERA Repeater Journal for promoting Amateur Radio and for allowing us to be with you for the last five quarters.

Mark Miller (KB8KDR) EC for Mingo County started October off with the ARES groups in Southern West Virginia and Eastern Kentucky with the S.E.T. He would like to thank nearly 40 HAMS who showed their interest in Emergency Communication.

SAWS kicked off November with a raffle to raise money for needy children at Christmas. We were able to raise a few hundred dollars, which was donated to the Salvation Army. And our Webmaster, Eddie Tussey (KB4UCE) was the winner of the Kenwood Radio.

On December 8, the SAWS Nightly Talk around Net celebrated its two-year anniversary. Mike Horn (KB8GDF), Net Manager thanks everyone that made it possible. There are too many things to mention, but each one of you has a place in our heart.

When the results for Field Day came out in December, SAWS was surprised that they found their self number one in the 2A class in West Virginia. They would like to thank nearly a hundred HAMS for coming to Buffalo Mountain and making Field Day a success.

If you would like to see Jack in his Shack (KC8INN), check out his picture in QST, December Edition.

And also the SAWS would like to take time to recognize those HAMS in West Virginia who had to leave their Field Day and help in an actual Emergency, due to flooding in the State on the same weekend.

The SAWS tried their hand at The First Annual Christmas party. They would like to thank all that came and showed their support and all the great food. Special thanks to Albert Starr (N8IBK), Stan Hatfield (KT8J) and the Young Marines of the Tug Valley, Mingo County.

Santa came to the Nightly Talk around Net. Santa talked to 3rd party children, finding out who is naughty and nice. Santa invites all to come by the Nightly Talk around Net each night at 9:00 P.M. on 145.330, Williamson, W.Va.

SAWS would like to thank Eddie Tussey (KB4UCE) for bring our activities to the Web. Eddie invites everyone to stop by the Web Site at www.qsl.net/saws/

Also SAWS has a mailing list, so that others can keep up-to-date on current events. People that subscribe to this mailing list may send email and receive email from other subscribers. To subscribe to the SAWS mailing list, check out the link on our home page.

-Thank You - saws@qsl.net

Mississippi News Continues

activities. This service is a e-mail remailer which distributes any message sent to it to all the subscribers to the list. If you're having a technical problem and feel lost then send a message to the list and perhaps someone will have the answer. Lots of techies out there just waiting to help. How much does this cost? Nada, its free, all you need to do is go to the ONElist site (www.onelist.com) and search for RPTRS-MS. It will tell you all about the service and if you click on the RPTRS-MS link it will take you to where you can sign up.

Joe Wood, AJ0X, started the remailer list and has been sending invitations to those repeater owners that he has e-mail addresses for. More addresses are coming in so don't be surprised if an invitation pops up in your e-mail real soon. Seriously, if we share our thoughts, problems and suggestions as a group without getting on a soap box screaming and yelling we can benefit from this. Give it a try, you can alway backout but I don't feel that you will.

* * * * *

New machine in state . . . Dan Kitchens, KD5BLC, reports that the Neshoba County Amateur Radio Club has a new 440 machine up and running (coordination paperwork is in progress), it is WB5YGI/R on 444.950 Mhz (out)/449.950 Mhz (in) and located five miles northeast of Philadelphia, MS. All you Hwy.15 roadrunners need to try this one out.

* * * * *

If any of you know of any machines that have had their face lifted or are providing a service that you feel is news worthy please send it on to this column's editor . . . lets tell the world what we're doing . . . well, you know, those things that we're proud of. Right . . . Monica!

SALKEHATCHIE AMATEUR RADIO SOCIETY

3rd ANNUAL TAILGATE PARTY

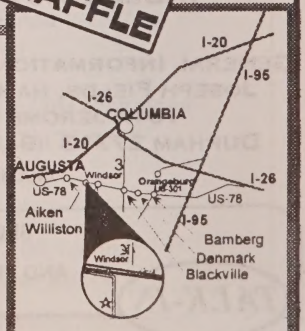
50/50 RAFFLE

RADIO RAFFLE

SALKEHATCHIE SARS AMATEUR RADIO SOCIETY BARNWELL, SC

Date: May 1, 1999
Time: 0900 - 1600
Place: Community Center, Windsor, SC
Talk-In: 2m-147.03, CB-22

Tailgate cost is only $5.00. If you're buying and not selling you get in FREE.
BBQ Chicken with fixin's is just $5.00. Lots of refreshments.
The SARS friendly Hams are going all out to make this little event "Fun for Everyone."



For more information contact:
Ray Thomas WA4OMM
484 Rosewood Farm Lane
Elko, SC 29826 803-266-4759, email - rose2@sc.tds.net

Amateur Radio Frequency Allocations - by Band, by Class

Editor's Note: The following charts are printed as a courtesy to our Repeater Journal readers. This listing of frequencies, classes of operator and bands were compiled from FCC data, and from the ARRL Web Site. Our Thanks for their cooperation and assistance.

160 Meters

General, Advanced, Amateur Extra licensees:
1.800-2.000 MHz: CW, Phone, Image, RTTY/Data

80 Meters

Novice and Technician Plus classes:
3.675-3.725 MHz: CW Only
General class:
3.525-3.750 MHz: CW, RTTY/Data
3.850-4.000 MHz: CW, Phone, Image
Advanced class:
3.525-3.750 MHz: CW, RTTY/Data
3.775-4.000 MHz: CW, Phone, Image
Amateur Extra class:
3.500-3.750 MHz: CW, RTTY/Data
3.750-4.000 MHz: CW, Phone, Image

40 Meters

Novice and Technician Plus classes:
7.100-7.150 MHz: CW Only
General class:
7.025-7.150 MHz: CW, RTTY/Data
7.225-7.300 MHz: CW, Phone, Image
Advanced class:
7.025-7.150 MHz: CW, RTTY/Data
7.150-7.300 MHz: CW, Phone, Image
Amateur Extra class:
7.000-7.150 MHz: CW, RTTY/Data
7.150-7.300 MHz: CW, Phone, Image

30 Meters

General, Advanced, Amateur Extra classes:
10.100-10.150 MHz: CW, RTTY/Data

20 Meters

General class:
14.025-14.150 MHz: CW, RTTY/Data
14.225-14.350 MHz: CW, Phone, Image
Advanced class:
14.025-14.150 MHz: CW, RTTY/Data
14.175-14.350 MHz: CW, Phone, Image
Amateur Extra class:
14.000-14.150 MHz: CW, RTTY/Data
14.150-14.350 MHz: CW, Phone, Image

17 Meters

General, Advanced, Amateur Extra classes:
18.068-18.110 MHz: CW, RTTY/Data
18.110-18.168 MHz: CW, Phone, Image

15 Meters

Novice and Technician Plus classes:
21.100-21.200 MHz: CW Only
General class:
21.025-21.200 MHz: CW, RTTY/Data
21.300-21.450 MHz: CW, Phone, Image
Advanced class:
21.025-21.200 MHz: CW, RTTY/Data
21.225-21.450 MHz: CW, Phone, Image
Amateur Extra class:
21.000-21.200 MHz: CW, RTTY/Data
21.200-21.450 MHz: CW, Phone, Image

12 Meters

General, Advanced, Amateur Extra classes:
24.890-24.930 MHz: CW, RTTY/Data
24.930-24.990 MHz: CW, Phone, Image

10 Meters

Novice and Technician Plus classes:
28.100-28.300 MHz: CW, RTTY/Data—
28.300-28.500 MHz: CW, Phone—
Maximum power 200 watts PEP both segments
General, Advanced, Amateur Extra classes:
28.000-28.300 MHz: CW, RTTY/Data
28.300-29.700 MHz: CW, Phone, Image

6 Meters

All Amateurs except Novices:
50.0-50.1 MHz: CW Only
50.1-54.0 MHz: CW, Ph, Image, MCW, RTTY/Data

2 Meters

All Amateurs except Novices:
144.0-144.1 MHz: CW Only
144.1-148.0 MHz: CW, Phone, Image, MCW,RTTY/Data

1.25 Meters

The FCC has allocated 219-220 MHz to amateur use on a secondary basis. This allocation is only for fixed digital message forwarding systems operated by all licensees except Novices. Amateur operations must not cause interference to, and must accept interference from, primary services in this and adjacent bands. Amateur stations are limited to 50 W PEP output and 100 kHz bandwidth. Automated Maritime Telecommunications Systems (AMTS) stations are the primary occupants in this band. Amateur stations within 398 miles of an AMTS station must notify the station in writing at least 30 days prior to beginning operations. Amateur stations within 50 miles of an AMTS station must get permission in writing from the AMTS station before beginning operations. ARRL Headquarters maintains a database of AMTS stations. The FCC requires that amateur operators provide written notification including the station's geographic location to the ARRL for inclusion in a database at least 30 days before beginning operations.
See Section 97.303(e) of the FCC Rules.

FM Portion 1.25 Meters

Novice (limited to 25 watts PEP output), Technician, Technician Plus, General, Advanced, Amateur Extra classes:
222.-225.00 MHz: CW, Phone, Image, MCW, RTTY/Data

70 Centimeters

All Amateurs except Novices:
420.0-450.0 MHz: CW, Phone, Image, MCW, RTTY/Data

33 Centimeters

All Amateurs except Novices:
902.0-928.0 MHz: CW, Phone, Image, MCW, RTTY/Data

23 Centimeters

Novice class:
1270-1295 MHz: CW, phone, Image, MCW, RTTY/Data
(maximum power, 5 watts PEP)
All Amateurs except Novices:
1240-1300 MHz: CW, Phone, Image, MCW, RTTY/Data

Higher Frequencies:

All modes and licensees (except Novices) are authorized on the following bands [FCC Rules, Part 97.301(a)]:

2300-2310 MHz	47.0-47.2 GHz
2390-2450 MHz	75.5-81.0 GHz
3300-3500 MHz	119.98-120.02 GHz
5650-5925 MHz	142-149 GHz
10.0-10.5 GHz	241-250 GHz
24.0-24.25 GHz	*All above 300GHz.*

The Largest Most Updated Repeater Index Published anywhere in the United States - Every Quarter is in the ***Repeater Journal.***
DON'T MISS IT!

Spartanburg (SC) Club Locates Interference

-by Maxie Hutchins, N4ENQ

A lot of hams have been hearing interference on their repeaters since last year. The noise usually sounds like tearing paper or raspy static. It was intermittent, usually short bursts and was gone. Unconfirmed reports has it that repeaters in Tennessee, North Carolina, and South Carolina were affected.

I would like to share with you the Spartanburg Story which started last summer. Ken, K4ZP got annoyed with the noise on our local repeater 147.09, and started encouraging everyone to get out and find the "Troll." Pretty soon Art, KE4EAN (our club President), and Ken were out with their direction finding equipment. After spending a weekend driving over the upstate, they announced the "Troll" lives on or near Thickety Mountain, near Gaffney, SC), right in our "back yard".

Ken and Carl, W4RCW (owner of the 147.285 repeater) spent another weekend on Thickety with a Spectrum Analyzer and other test equipment. Keith, K4XP got involved and accessed the FCC Database on the internet. Keith found approximately 85 transmitters in a 5 mile radius of Thickety. Wow! what a mess.

Somewhere along the line it was discovered that the "Troll" was moving around, that is he would drift up or down the band, never staying in the same place too long, but almost always present somewhere. With this in mind, he was a little easier to track.

Keep in mind that all this time every one was sharing their information. Usually Fritz, W4NTO was the coordinator. Everyone was sharing their findings with Fritz. Fritz a retired engineer from the FAA, was responsible for maintaining airport electronics.

The next couple months were not very rewarding. Everyone knew he was near Thickety, but could not locate him.

Somewhere around the first of December, Harold, WA4GIB got interested. Harold is a Commercial Radio Technician. He brought his equipment into his shack on evenings and weekends and did a lot of monitoring. Around Christmas, Harold nailed the Troll's primary frequency. You guessed it, a paging station. With the primary frequency known, Harold, Art, and Lester, KF4EQC located the home of the Troll, a couple miles from Thickety, on a water tower.

The story didn't end there. The technician responsible for the paging site couldn't find anything wrong. He had been asked to check the transmitter a couple months ago. Harold, Art, and Lester met him at his site. Harold pointed out to him that when the transmitter was keyed, it was stable, but when idle it was oscillating.

The Troll was officially interred at a secret place on Thickety Mountain a couple days after Christmas. K4ZP personally drove a wooden stake through his tongue. May he rest in peace.

n4enq@bellsouth.com

What is Happening - In South Carolina

ED FRANK, KE2D
efrank@charleston. net

614 LONGSTREET CIRCLE
SUMMERVILLE, SC 29483

Well, here we are starting another year. I always like to pause to reflect on events of the past year. Here in S.Carolina we have accomplished a great deal in Amateur Radio. Myrtle Beach has installed their linking system, from MB to Georgetown. Charleston, has improved their link system and installed tones on some of the repeaters, 123 Tone, and now uses 440 MHz for the link. Columbia has several linked repeaters that cover a large part of central S.Carolina. There is talk about a statewide system modeled after the N. Carolina system.

Jan - Local school children at Buist Academy in Charleston made contact with the MIR Satellite VIA Ham Radio. Students talked to the Astronauts aboard the spacecraft.

February 25th - Annual Hamfest in Charleston was a great success.

April - The Bridge Run in Charleston had over 30,000 runners and walkers. The party after the race was great too.

May - Dayton Hamvention in Dayton, Ohio was a success, although attendance was down from previous years. Amateur Radio lost Barry Goldwater, K7UGA. He will be missed by all of Amateur Radio. Local hams helped with communications when a Tornado struck the Sangaree area of Summerville, SC. Communications between the Red Cross disaster control center and the effected area was maintained for about 2 days, till phone communications could be resumed.

June - The American Diabetes Association Bike race from Columbia to Charleston was coordinated and communications were set up with the help of 3 local Clubs Columbia, Orangeburg, and C.A.R.S. The race lasted for 2 days with a layover in Santee. Field Day aboard the Yorktown was a lot of fun and everybody learned a lot about setting up and tearing down an emergency station.

July - The ICOM Fun Van visited Charleston and was visited by about 200 local hams while in the area.

August - Hurricane Bonnie caused the SC HF Emergency services Net to be activated. Hams all over S. Carolina watched as Bonnie ripped a wide path through the coastal areas of the south Eastern US. Weather Spotter classes were held in the backyard Schoolhouse and a No Code Tech class started in Aug.

September - The B-29 Superfortress "FIFI" Visited Charleston, and Ed KE2D operated a Special Event Station under the Wing. Al Lark KD4SFF made several contacts as the Last Flyable B-29 made several passes over the USS Yorktown (WA4USN) in Charleston Harbor.

October - An all Ladies VE team was formed in the Charleston Area.

November - CW class started in Backyard Schoolhouse on Nov.15. It is teaching 13 and up speeds. An Advance class started at Bryce' K4LXF house.

December - The Ladies VE team Held the 1st Ladies VE Test session in the SE US on Saturday 19 Dec. 12 Candidates attended the session. (See Pictorial Elsewhere in Journal)

As this is written in December, for the February issue, I guess that it is old news. But, it's nice to reflect back to see what our year 1998 was like.Millennium.

-* * * * *

Special to Ed - The SC News Correspondent
-From: Lloyd Mitchell <kd4htw@bellsouth.net>

I have been reading the SERA Repeater Journal for over 4 years and have always wondered why there is no news from the Pee Dee (Florence) area of SC. Well I realize that ' you don't know' if WE don't tell you. I am a past President of the Florence Amateur Radio Club, licensed since 1991and active on 2mtrs especially packet.

I will try to send news from our area for your SC column. Here is some of the "news from the Pee Dee."

* * * * *

Florence SC- The Florence Amateur Radio Club has elected new officers for 1999. Laurie Sansbury Jr, KC4VVC - President John Richardson, KE4SZT - Vice President John Germain, KA3JAL - Secretary/Treasurer

The club thanked out-going President, Billy Deas, WA4WYT for his leadership in 1998.

The Florence Club has a web site at www.qsl.net/farc-sc (all lower case) with links to a Callsign search engine, The RealAudio Amateur RadioNewsline server and to the ARRL homepage. They have two nets that meet weekly, Monday 8:00pm 146.850mhz and on Wednesday 8:30 pm on or about 28.330 mhz. Please let them know you're listening.

FARC also has a new repeater (146.85) on line effective Thankgiving Day. It is a new GE Mastr III and has a SCOM controller with autopatch. Batteries will be added soon to give it some "short-time loss of power" capability. They encourage all to use the autopatch if needed when in the area. The Florence Club meets at 7:00pm the first Tuesday of each month at the Western Sizzlin' Steakhouse across from Magnolia Mall in Florence. All hams and prospective hams are invited to attend. Come eat - fellowship with us.

* * * * *

APRS in Florence is coming alive. Several hams have 'conspired' to place a fulltime wide

(Continued on Page 63)

Presenting the 1999 - 43rd Annual

SHELBY, NC HAMFEST

The Grand-daddy of them All!

September 4 & 5, 1999

At The Cleveland County Fairgrounds

SHELBY, NORTH CAROLINA

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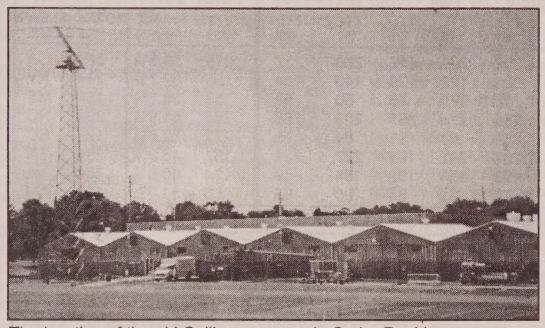
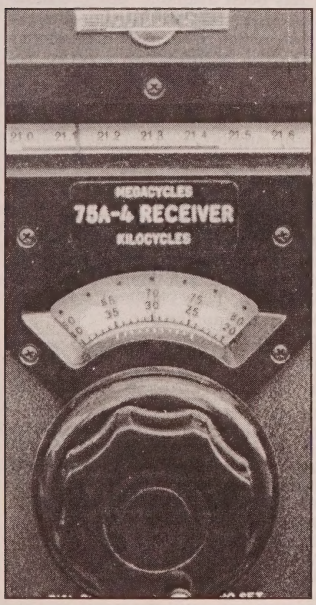
Nostalgic Wavelengths

DAVID BOWER K4PZT
d.bower@ieee.org
P.O. BOX 10145
KNOXVILLE, TN 37939



The location of the old Collins company in Cedar Rapids.

The Comair turboprop slowly descended over the parched farm land of Iowa on its final descent into Cedar Rapids. The expanse of flat land, extending to the horizon, looked foreign to an East Tennessee ham travelling over the Labor Day weekend several years ago. I was in Cedar Rapids to attend an IEEE engineering conference. I felt like I was really in the heart-land of America as the hotel shuttle drove toward the Collins Plaza, host hotel for the event. Inside, I quickly registered and, after a fast lunch, headed for my first meeting. Later, I thought about the Collins Radio company that for many years had been responsible for manufacturing the "premier" amateur radio communications equipment in this mid-western town. Many of us remember such Collins' numbers as 75A-4, KWM-2 and other models. The equipment was very rugged and well known for its quality performance. You still see it frequently at ham-fests (and it's relatively expensive). I was never fortunate enough to own any of this equipment, but I knew hams that did and would simply "lust" after this gear in my dreams. A local ham had Collins equipment and I used to visit his shack often back in the late 1950s and early 60s. I still remember the tuning mechanism on his Collins gear and the HF antenna with a World War-II prop pitch motor (it really had the torque).

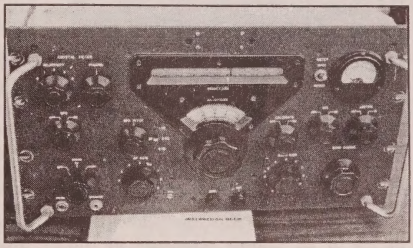


A close view of the Collins 75A-4 tuning mechanism. It's the period before "Hertz" was used to denote frequency.

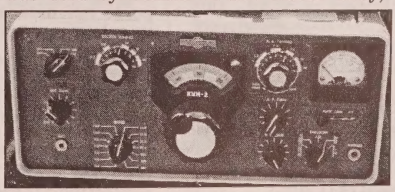
After my engineering meeting in Cedar Rapids on Labor Day, I had some free time so I got out the reliable HT and soon made a contact just a short distance from my hotel. The contact, K0AL (Al), came back with a booming signal. We

Al (K0AL with his assortment of vintage ham gear.

chatted awhile about the early days of amateur radio and I inquired about such Iowa companies as World Radio Labs and, of course, the Collins Radio Company (acquired years ago by Rockwell). My hotel, as it turns out, was only a short distance from the old Collins location. Al offered to pick me up in a few minutes and drive to the location (I was without wheels). I quickly accepted and met him outside the hotel. We drove by a large antenna farm that was used by Collins. A few blocks away, we entered the Rockwell parking lot and drove to the back where older buildings echoed little evidence of this once proud manufacturer of amateur radio equipment, except for the log periodic and tri-band antennas. I only wish I could have visited Collins during the "heyday" of this giant in amateur communications equipment.



A classic Collins receiver.



A Collins KWM-2 in pristine condition - just waiting to chase DX again!!

After a brief trip around the building, Al took me to his home "shack" and what an array of vintage equipment he had! Drake, Halli-crafters, Heathkit, National, Hammarlund and other classic memories from the past were in place. A Heathkit VF-1 VFO reminded me of my first HF AM station consisting of a Heathkit DX-35, using this same type of VFO. A Hallicrafters S-38 was in the back. I used this model many years ago with an International Crystal FCV-1 six meter converter. Al restores this classic equipment and it simply looked immaculate! In the corner, he has a signed photograph by the crew of the Enola Gay (the B-29 that dropped the first atomic bomb), the aircraft that a significant impact on bringing WW-II to a rapid end. He had also met the famous test pilot Chuck Yeager years ago. Al is a versatile individual and has a lot of other interests including flying as a commercial pilot.

As he drove me back the hotel, I really felt appreciative of his generous hospitality. As I finish this article in the Cedar rapids airport, the blue skies are inviting and I look forward to getting back to Tennessee.

Repeater Members Rejoining SERA for 1999

Full Membership Tally Indicates Continued Support

Last year it was a very promising gain in Full Membership. This year, they are the leader. Kentucky starts off #1 in Full Member percentage with a great 62.7% startup, topping usual champion North Carolina who started 2nd with 61.9%. Virginia was 3rd with 60.6% followed by Georgia with 59.9%.

For all states, we started membership about 24 repeaters less than we did last year. The biggest losses occurred in Tennessee with 15 less, and West Virginia with 18 less. On the other hand, Georgia led all states in startups improvement by being 20 members ahead of this time in 1998.

SERA Full Memberships expire on December 31, and generally a large percentage of repeaters renew their membership, prior to the February Journal, which has a cutoff date of about January 15th. This cutoff is important, because for a Full Member to vote in an election, be nominated for an office and qualify for other Full Membership privileges, he must have joined or renewed prior to the cutoff, and be reflected as a member in the February Journal.

Our February startups show that 55.9% of all known repeaters in the SERA 8 districts (states) voluntarily joined or renewed. In addition 19 repeaters from 7 outside states also sent in their money to be listed as Limited Full Members of SERA. This makes a total of 1159 repeaters who got their memberships in by January 15th.

In terms of total numbers of repeaters, North Carolina and Tennessee are currently tied with 394 known repeaters. Third place is Georgia with 363. Other states include: Virginia with 254 in SERA, with another 105 in T-MARC territory; Kentucky 4th with 249, followed by Mississippi with 137, South Carolina with 125 and West Virginia with 123, for a SERA territory-wide total of 2,039 known machines.

Our "Unknown" list, published in the back of our By-State index, has increased to 281 listings. Each year, we purge our database system of listings that have no updates, or information from the owners for a period of three years or more. We do not know whether they are verified machines, on the air, listing where there is no repeater, or just what their status is. Once again, our coordinators will spend countless hours, calling, mailing, and contacting these people on these unknown lists and trying to get information, so they can return the repeater listing back to the regular index.

Some are gone. Some are just off the air. Some we just can't get any cooperation from the owner, and some, we just cannot get any information on.

After a year or so, and no information has been available, our coordinators usually start the de-coordination process, which returns the frequency back to the coordination pool for re-coordination of another repeater.

We would like to thank all the repeater owners for their tremendous show of support, and especially those who voluntarily joined as full members.

Repeater owners who have not sent in their memberships for 1999, may use the Full Membership application short form on Page 37. Fill out the form completely and submit with your check made out to SERA Membership and mail to the Tobaccoville Post Office shown on the application.

SERA Full Membership Report

Full Membership - By State - By Year - From 1991 - 1999 | *FIRST QUARTER REPORT*

SERA STATE	TTL '91	TTL '92	TTL '93	TTL '94	TTL '95	TTL '96	TTL '97	TTL '98	TTL 1999	TTL Mbr. %	TOTAL RPTRS	SERA STATE
GA	142	173	195	208	236	217	260	232	216	59.5%	363	GA
KY	66	70	80	86	122	129	140	154	156	62.7%	249	KY
MS	38	36	50	60	75	73	60	59	53	38.7%	137	MS
NC	189	220	243	265	274	295	283	288	244	61.9%	394	NC
SC	53	60	68	68	83	81	84	79	72	57.6%	125	SC
TN	155	179	188	182	202	193	227	221	182	46.2%	394	TN
VA(1)	127	136	157	173	178	162	181	189	154	60.6%	254	VA
WV(2)	67	70	62	70	82	84	90	95	63	51.2%	123	WV
TTLS	837	944	1043	1112	1252	1241	1325	1317	1140	55.9%	2039	- - -

OUT OF SERA TERRITORY REPEATERS JOINING AS FULL MEMBERS - FOR 1999 --- 19

(1) Total Virginia list does not include 104 or more listings in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and
(2) 10 or more listings in the West Virginia Panhandle area in T-MARC Territory.
"Unknown" repeater listings are not counted in State repeater totals. *Updated 1-15-99*

Coordinators Approve PRM - ARRL Bd Sez No!

(SPECIAL TO THE JOURNAL) - On January 15-16, the ARRL Board of Directors at their meeting in Houston failed to approve a document to be proposed by the NFCC to the FCC. The PRM proposes to change Part 97 of the rules allowing the Nations Frequency Coordinators to have the recognition by the Commission as official coordinators, require Amateur repeaters be coordinated, and provide a single point of contact between Amateur Coordination and the FCC. Previously, on Jan. 13th, the nations coordinators, members of the National Frequency Coordinators Conference (NFCC), had by unanimous approval adopted the PRM document as written. They then consulted with the League for their approval. The document was hammered out in Washington by a NFCC PRM committee with assistance from the League's General Counsel, (See photo - Page 50). Monday night, Jan. 18, after the weekend Board meeting, the nations coordinators were stunned, when ARRL Bulletin 006 stated that a majority of the ARRL Board did not find that there was compelling evidence warranting a move beyond the existing rules at this time. They invited the NFCC to revisit the matter later. The Repeater Journal later that evening obtained a copy of a letter from League President, Rod Stafford, W6ROD, addressed to George R. Isely, W9GIG, president of the NFCC. In the letter, Stafford repeated the reasoning behind his board's actions, and indicated that they were questioning why mandatory coordination would be in the best interest of Amateur Radio at this time. He said the Board felt existing rules provided reasonable priority for coordinated repeaters. Stafford said the Board has not adapted a position opposing mandatory coordination, but feel a strong enough argument has not been offered. In their disapproval, the League didn't address the FCC recognition or the single point of contact items the NFCC had written in the document.

The ARRL has been a large supporter of the NFCC and, through a MOU, has provided funds, assistance and space at their Newington headquarters for NFCC to operate their national office.

It is not known at this time whether the NFCC, sitting with their primary objective ready to go - will attempt further assistance or approval by the League's Board, or go ahead with the PRM on their own. There promises to be much more on this. SERA, a member of the NFCC cast all its 23 votes FOR the proposal.

Want RJ Coverage Of your Club - Activities?

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Send them your Club Newsletter!

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AUG. Issue - JUN 23 NOV. Issue - SEP. 23

Find your State correspondent listed on page 2.
Read their column - find their address!

Your State Correspondent and The SERA Repeater Journal - We're doing it for you!

SERA Repeater Journal

From the West - Tennessee News

BOB GAULT, KD4NEC.
221 Cedarwood Trail
Cleveland, TN 37312
bgault@wingnet.net

Greetings from Tennessee and your west Tennessee correspondent!

Winter weather has affected amateur communications in several parts of the volunteer state. A major ice storm struck middle and east counties over the Christmas holidays, causing the Middle Tennessee Amateur Radio Society's repeater, W4UOT, on 146.70 to go off the air. Fortunately, they were able to maintain communications on the AB4SW 146.82 machine until power could be restored.

Jack Hennon Jr., W4OWX, tells us MTARS assisted with the Tullahoma Christmas parade. If you'd like to see some photos of club members in action, check out their web page, accessible at www.cafes.net/mtars/news.

Don't forget their hamfest on March 27th at the Capitol Hill Community Center.

The club is having on-the-air meetings at 9 p.m. each Thursday night on the 10/70 repeater. You can check in the net and keep up with club activities for meetings you're unable to attend. Their monthly sessions are held the second Thursday at the First Presbyterian Church at the corner of East Grundy and north Washington Streets in Tullahoma. Starting time is 7 p.m.

* * * * *

The MTARS repeater wasn't the only repeater affected by icy weather which brought down power lines. The 147.180 wide coverage repeater - the WD4DES machine on Chilhowee Mountain in Polk County - was on battery power for several days. Power lines servicing the building on a mountain peak housing several public service repeaters, were pulled down by falling trees. It took several days for the utility company to string new wire to the building, but power was maintained using a propane - powered generator. A utility company spokesman told a local newspaper the last 300 yards up the bluff was like climbing " a ladder."

* * * * *

The Chattanooga Amateur Radio Club recently elected officers, choosing Charlie Wheaton, KJ4RC as President; Charlie Curle, AD4F as vice President; Barbara Gregory, WA4RMC as Secretary; Charles Goodner, KE4CTQ as Treasurer; and David Hoffman, KE4FGW as Hamfest Chairman. In case you've never attended, the Chattanooga fest is the last Saturday in October- the 23rd.

* * * * *

After celebrating its first birthday, the Southern Tennessee Amateur Radio Society (STARS) is gearing up for a big year in 1999. STARS sponsors an autopatch on the 145.41 repeater on Monteagle Mountain. Membership in the club is only $20 a year.

STARS shares a web site with UCARS - the Upper Cumberland Amateur Radio Society, which was formed in 1987. Their dues are a bit cheaper - only $10 a year. Both organizations are doing everything they can to promote amateur radio in middle Tennessee.

* * * * *

Regular meetings of the West Tennessee Amateur Radio Society are held 7 to 9 p.m. on the first Thursday of each month in the Jackson - Madison County Library in Jackson.

Meetings of the Area Wide Amateur Radio Association are 7 to 9 p.m. on the third Thursday of each month in the basement meeting room of the Emergency Operations Center building in Trenton, Tennessee.

* * * * *

The Delta Amateur Radio Club closed out 1998 by recognizing several members for outstanding work during the year. Normally one person is singled out for Newcomer of the Year. This year, the Memphis group broke tradition and presented two Newcomer Awards. They went to Kurt Schropp, KU4NH, for his work coordinating their Field Day activities. Also honored was Tom Richardson, K4TTA, who served as Kurt's publicity chairman. The club newsletter says Kurt was a bit reluctant at first to tackle the job of Field Day chairman but immediately put together a well oiled team which assembled a first class Field Day operation. Tom's publicity not only focused attendion on the Delta club bút also on amateur radio in a time when we can use all of the positive publicity we can receive.

Other awards by the club include the Marconi Award which went to James Butler, KB4LJV , and a new one named in honor of a valuable club member who passed away during the year. The first Bob Youngblood (N4WAL) award was presented posthumously to his wife, Carol, N7ROK. The newsletter said Bob touched many Delta Club members lives, displaying incredible dedication to a club and hobby. By the way, he had not missed a club meeting in more than 10 years. A committee consisting of Terry Cox, KB4KA, Melinda Thompson, KE4DXN, and Dan Hoffman, N4VWM, is setting criteria for future recipients of the award.

* * * * *

When in middle Tennessee, check out the 145.11 repeater which boasts H/T coverage from Cumberland, Jackson, Overton, Putnam, Smith, Van Buren, Warren and White Counties. It has an open autopatch for all amateurs to use.

* * * * *

I enjoy checking out club and individual web pages, but must say the Stones River Amateur Radio Club in Murfreesboro has one of the best offerings I've come across. The graphics are great and links to other sites are easily available. Their webmaster, N4YT, deserves a lot of credit in putting together such an interesting page which tells the world about the Stones River Club.

* * * * *

Speaking of web sites, the Rhea County Amateur Radio Society has included an emergency operations manual on their page. A lot of work has gone into not only preparing this information for use in Rhea County but the time consuming task of getting it on the internet for other clubs to use.

Don't forget the Dayton hamfest (that's Dayton, Tennessee) on April 17, 1999.

The club presented the 1998" Bill Nash Award" to Larry Lyda, WA4PJP.

As this issue of the Journal was being prepared for printing, amateurs in southeast Tennessee were planning another get-together in Decatur in early February. We hope to have details of that meeting in our next column.

Until next time, I hope 1999 has started off well for you and will be a big year for amateur radio. *-Bob KD4NEC*

ACCESS INFORMATION!
www.sera.org

SERA Repeater Journal Advertising Rate Card

NO. 28 - Effective 1 January 1999

ADVERTISING SIZES & RATES

Full Color Covers Bleed 8-1/2x11'	$425.00
Full-Page 7-1/4x10"	$160.00
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1/3-Page (H) 4-3/4x5"	$65.00
1/4-Page (V) 3-1/2x4-7/8"	$52.00
1/4-Page (H) 4-3/4x3-3/4"	$52.00
1/4-Page (H) 7-1/4x2-1/2"	$52.00
1/6-Page (V) 2-1/4x4-7/8"	$36.00
1/6-Page (H) 4-3/4x2-1/2"	$36.00
1/6-Page (H) 3-1/2x3"	$36.00
1/12-Page (V) 2-1/4x2-1/2"	$20.00
Reptr. Page Panel 1x10" (4 Issue Contr)	$50.00
Club/Repr Cards (4 Issue Contr)	$30.00
Classified (30 Words Max.)	$5.00
SPOT COLOR (each ad/page)	$50.00
SPOT COLOR (Dbl 2-pgs side-by-side)	$50.00

2nd Color usually bright Red with/black

INVOICING AD INSERTION ORDERS

DEALERS: With a volunteer staff we do not send out and receive advertising contracts and notices. Quarterly dealer invoices, after insertion, will request information pertaining to future insertions. If no instructions on the paid returned invoice copy are received, the ad will be repeated and invoiced the upcoming quarter.

HAMFEST: Advertising must be ordered each edition for insertion. Payment must accompany insertion order/advertising copy for Hamfest ads.

ADVERTISING PAYMENT POLICY

Advertising invoices are due upon receipt. Unpaid invoices will require us to withhold publication of any additional ads until account is paid in full. All first-time advertisers, Hamfest advertising and Business Card Advertising is to be paid in advance - check with order.

SPECIFICATIONS & GENERAL

Advertising sizes listed above are width by length in that order. Ads received that do not fit dimensions will be adjusted to the nearest ad size and be billed $8.00 production fee. The ad will be billed at the size rate it had to be adjusted to.

Prices quoted are for exact size, camera-ready positive photoprint, pasteup or Laser print ad copy.

Full color ads for covers require negatives, right-reading emulsion down, sized for full 8-1/2x11 bleed. 150-Line screens preferred. Color Match Proof, Color Key or Pre-printed tearsheet should accompany negatives.

Design, typesetting, layout or pasteup is available at no charge for advertising to be run in the Repeater Journal. When possible, advertisers requiring typesetting or composition by the Repeater Journal staff will receive a proof with time for telephone or email corrections. No proofs are available for ads with typesetting submitted after deadline, due to staff and time limitations.

The Repeater Journal cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

ADVERTISING DEADLINES

All advertising copy and insertion orders should be sent to the Journal Advertising Department:

REPEATER JOURNAL ADVERTISING
600 LAKEDALE ROAD
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Phone or Fax (336) 993-5527 (10-10 M-F)
email: k4mob@sera.org

Ad copy deadlines are the 1st of the month, prior to month of publication. New ad insertion order deadline is 10 days prior to copy deadline.

The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Repeater Journal Advertising Department.

AD & COPY DEADLINE DATES

FEBRUARY ISSUE - January 4,
MAY ISSUE - April 1,
AUGUST ISSUE - July 1,
NOVEMBER ISSUE - October 1.

The Repeater Journal is published by and is the magazine voice of SERA, Inc.

The SERA Repeater Journal Southeastern
1999 HAMFEST/CONVENTION SCHEDULE

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors; the ARRL, Commercial Dealers, and the response of many clubs and individuals sponsoring hamfests and computerfests. Deadline for May issue is April 1.

FEBRUARY, 1999

6 . . . . . Hamfest at Stall HS, N. CHARLESTON, SC
6 . . . . . Dixie AR Grp Hamfest, W. MEMPHIS, AR
6-7 Tropical Hamboree at Dade Expo Cen, MIAMI, FL
7. . . . . N. Ohio ARS Hamfest, LORAIN, OH
12-14 . . . . . Conv/HF Cen. Fl. FG, ORLANDO, FL
20. . . . . AR River Val. Hamfest, RUSSELLVILLE, AR
20 . . . . . HF at Hernando Cty FG, BROOKSVILLE, FL
21 . . . . . Hamfest, Nat'l Grd. Armory, ELKIN, NC
27 . . . . . Dalton ARC Hamfest, DALTON, GA
27-28 . . . . . Gr.Lakes. ARRL Conv/HF, CINCINNATI, OH
28 . . . Cuyahoga Falls ARC HF, CUYAHOGA FALLS, OH
28 . . . . . Hamfest at High School, FAYETTEVILLE, WV
28 . . . . . Teays ARC Hamfest, CIRCLEVILLE, OH
28 . . . Vienna Wireless Assn Winterfest, ANNADALE, VA

MARCH, 1999

5-6. . . . . HF at Jackson Cty. FG PASCAGOULA, MS
6. . . . . Kerbela Hamfest at Temple, KNOXVILLE, TN
6-7 . . Hamfest under the sun, NEW PORT RICHEY, FL
7. . . . . Phinneyfest, XEPHYRHILLS, FL
13. . . . Mam. Cave ARC Ham/Swapfest, CAVE CITY, KY
13. . . . . Black Warrior Swapfest, TUSCALOOSA, AL
13. . . . . HF at Nat'l Grd. Armory, SEBRING, FL
13-14. Roa.Div.Conv/HF/Comp. Show, CHARLOTTE, NC
13-14 . . . . . Acadiana ARA Hamfest, RAYNE, LA
14. . . . . Hamfest/Computer Show, INDIANAPOLIS, IN
14 . . . . . Conneaut ARC Hamfest, CONNEAUT, OH
18-20 . CC-AWA Sprg Meet, Sheraton, CHARLOTTE, NC
19-20. . . . Swapfest at Cy FG, FT. WALTON BEACH, FL
20. . . . . Kennehoochee ARC Hamfest, MARIETTA, GA
20 . . . . Hamfest at Craighead cty FG, JONESBORO, AR
20. . . . . Hamfest, Martin Cty. Fg, STUART, FL
21 . . . . . Toledo MRA Hamfest, MAUMEE, OH
21 . . . . . Hamfest, ELIZABETHTOWN, KY
21 . . . . . Hamfest at Civic Center, CHARLESTON, WV
21. . . . Downeast HF - Lenior Cty. Frgrds, KINSTON, NC
27. . . . . Middle TN ARS Hamfest, TULLAHOMA, TN
27-28. . MD State ARRL Conv.Hamfest, TIMONIUM, MD
28. . . . . Lake Cty ARA Hamfest, MADISON, OH

APRIL, 1999

3 . . . . . Cave Run ARA Hamfest, MOREHEAD, KY
9-10 . . . . SE VHF Society Conference, MARIETTA, GA
9-10* (fri eve-sat) . . . . . Hamfest, TUPELO, MS
10. . . . . Catawba Val. HF & Comp., MORGANTON, NC
10 . Oak Ridge ARC Hamfest at Nat'l Grd, CLINTON, TN
11. . . . . Hamfest Computer Fair at FG, RALEIGH, NC
17 (New dte). . . . . Hamfest, ALBERTVILLE, AL
17. . . . . Murray State Univ. ARC Hamfest, MURRAY, KY
17. . . . . Rhea Cty. ARS Hamfest, DAYTON, TN
17-18*. . . . . Hamfest, BIRMINGHAM, AL
23-24 (fri-eve-sat). . . . . Hamfest, LITTLE ROCK, AR
24 . . . . . Benton Cty Radio Oper Hf, BENTONVILLE, AR
24 . . . . Springfest at Old Gertie Sch, CHESAPEAKE, VA
25. . . . . Athens Co. ARA Hamfest, ATHENS, OH
25. . . . . Gainsville ARS, Hamfest, GAINSVILLE, FL

MAY, 1999

1. . . Big Sandy ARC 2nd Annual Hamfest, LOUISA, KY
1. . . . . Nashville ARC Hamfest, NASHVILLE, TN
1. . . . . Bankhead ARC Hamfest, MOULTON, AL
1 . . . . . 3rd Salkehatchie Tailgate Party, WINSOR, SC
2 . . . Great Hagerstown Hamfest, HAGERSTOWN, MD
2. . . . . Jax Cty ARC Hamfest, RIPLEY, WV
8 . . . Pennyrile Tailgatefest at Park, PROVIDENCE, KY
8 . . . Upstate SC Hf (formerly Grnvl), ANDERSON, SC
14-16 . . . . . Hamvention, Hara Arena, DAYTON, OH
15 . . . . . EC Antique RC Meet, GREENVILLE, NC
15 . . . . . Hamfest, STATESBORO, GA
15* . . . . . HF, ANDERSON, TOCCOA, HARTWELL, GA
23* . . . . . MD FM Assn. Hamfest, W.FRIENDSHIP, MD\
29 . . . . . Dur-HamFest at S. Sq. Mall, DURHAM, NC

JUNE, 1999

4-5 (fri.eve.sat) . . . . . HF & Comp.Fair ATLANTA, GA
5*. . . . . W4CQ Hamfest, CHARLOTTE, NC
5-6 . . . SERA Summer Bd Meet, PIGEON FORGE, TN.
6 . . . . . Ole Va Hams, Hamfest at FG, MANASSAS, VA
6*. . . . . Hamfest, PRINCETON, IL
11-12 (Fri.eve-Sat) . . . . HF/Computer Fair, ALBANY, GA
12 . . . Hamfest at Dixie Frgrnds, WINSTON-SALEM, NC
12* . . . . . Neshoba ARC Hamfest, PHILADELPHIA, MS
12* . FARA Picnic/Tailgate at Bronco Clb, COURTLAND, VA
13. . . . PARA HF at Exec. Inn Conv. Cen, PADUCAH, KY
13. . . . State ARRL Conv.HF/Elec. Mkt, KNOXVILLE, TN
13 . . . . . N. Ky ARC Hamfest, INDEPENDENCE, KY
19*. . . . . Hamfest, SALEM, IN
19 . . . . . Milford ARC Hamfest, CINCINATTI, OH
19. . . . HF/Com Fair at Brushfork Arm., BLUEFIELD, WV
20. . . . . Lake Cty ARC Hamfest, CROWN POINT, IN
20. . . . . Monroe Cty RC Assn., Hamfest, MONROE, MI
20. . . . . Cuyahoga ARS Hamfest, MACEDONIA, OH
20* . . . . . Frederick ARC Hamfest, FREDERICK, MD
26-27 . . . . . ARRL FIELD DAY

JULY, 1999

3 . . . . . Firecracker HF at Civic Cen, SALISBURY, NC
10 . . . ARRL Cen.Div.Conv/Hamfest, INDIANAPOLIS, IN
10 (New dte) . . . Lanierland ARC HF, GAINESVILLE, GA
10* . . . Monroe Cty ARC Hamfest, TOMPKINSVILLE, KY
10 (New dte). . Midwest Div.Con, HF, KANSAS CITY, MO
17*. . . . . Hamfest, CLEVELAND, TN
17. . . . . Midsummer Swapfest, CARY, NC
18. . . . . VanWert ARC Hamfest, VAN WERT, OH
23-24* (fri nite-sat) . . . . . Hamfest, MILTON, FL
24*. . . Huntington Cty ARC Hamfest, HUNTINGTON, IN
24. . . . . OH-KY-IN ARS Hamfest, CINCINNATI, OH
25*. . . . BRATS HF and Computer Fest, TIMONIUM, MD
31. . WCARS HF, Haywood Cty. FG, WAYNESVILLE, NC
31 . . KY Colonels ARC Hamfest, BOWLING GREEN, KY

AUGUST, 1999

1. . . . . 48th Annual Winchester HF, BERRYVILLE, VA
1 . . . . . Portage Cty ARC Hamfest, RANDOLPH, OH
7* . . . . . Hamfest, SPRINGFIELD, MO
7. . . . Voice of Aladdin ARC Hamfest, COLUMBUS, OH
7-8* . . . . . Hamfest, JACKSONVILLE, FL
8* . . Steuben Cty Land of Lakes Hamfest, ANGOLA, IN
8* . . . . . TARA HF & comp. Show, HUNTINGTON, WV
15 (New dte). . . . HF at Nat'l Grd. Arm, LEXINGTON, KY
21-22 . . . . . HF at Braun Civic Cen, HUNTSVILLE, AL
22* . . . . . Tippecanoe ARA Hamfest, LAFAYETTE, IN
22* . . . . WV State Conv/HF, (Jksons Mill) WESTON, WV
22*. . . . . HF at Salem Civic Cen, ROANOKE, VA
29 . . Sht. Mt. RC, Hamfest, CEDARS OF LEBANON, TN

SEPTEMBER, 1999

4* . . . . . S.KY DX Assn. Hamfest, CAVE CITY, KY
4* . . . . St. Clair ARES/RACES Hamfest, PELL CITY, AL
4-5 . . . . . Hamfest at Cleveland Cty FG, SHELBY, NC
11* . . . . . Hamfest, GREENVILLE, MS
11. . . . . Owen Cty ARA Hamfest, SPENCER, IN
11-12 . . . . . Hamfest at Bullit Cty FG, LOUISVILLE, KY
11-12* . . . . . Hamfest at Auditorium, MELBOURNE, FL
12. . . . . Findlay ARC Hamfest, FINDLAY, OH
12* . . . . . FARFEST '99 Hamfest, GAITHERSBURG, MD
12* . . . . . UCARS HF at Nat'l Grd. Ar., MONROE, NC
12 . . . . . Butler Cty ARA Hamfest, BUTLER, PA
18 . . . . . Hamfest, DALLAS, GA
18-19 . . VA State ARRL Conv/HF, VIRGINIA BEACH, VA
19 . . . . . Greater Cinci ARA Hamfest, CINCINNATI, OH
24-25*(fri-sat) . . . . . Mobile ARC Hamfest, MOBILE, AL
25* . . . . . Hamfest, DALLAS, GA
25*. . . Anderson RC HF at Civic Cen., ANDERSON, SC
26. . . . . Hamfest Assn. of Clev. HF, CLEVELAND, OH
26 . . . . . Hamfest, BUTNER, NC

OCTOBER, 1999

1- 2* (fri.eve-sat) . . . . . Hamfest, BILOXI, MS
2 . . . . . Hamfest/Computer Fair, ROCK HILL, SC
3* . . . . Hoosier Hills HC Hamfest, LAWRENCE CTY, IN
9*. . . . . GA.Mt.ARC Hamfest, BLAIRSVILLE, GA
9* . . . . . 50th Annual HF/Comp Show, AUGUSTA, GA
?? . . . . . Hamfest CROSSVILLE, TN
9-10 . . . . . Memfest '99 Hamfest, MEMPHIS, TN
10 . . . . . Hamfest, MAYSVILLE, NC
10* . . . . . Hamfest, WAYCROSS, GA
15-16. . . . . Hamfest at Bradford Cty. FG, STARK, FL
16* . . . Tri-Cities Hamfest at Appalachian FG, GRAY, TN
16-17* . . . . Hamfest at Fairgrnds., W. PALM BEACH, FL
23 . . . . HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
23* . . . . . Comp/HF, at Catawba Val CC, HICKORY, NC
23* . . . . . SW LA ARC Hamfest, LAKE CHARLES, LA
23*. . . . Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
24 . . . . . Boone/Clinton Cty. Hamfest, LEBANON, IN
24* . . . . . Mason-Dixon Hamfest, WESTMINSTER, MD
31. . . . . Marion ARC Hamfest, MARION, OH

NOVEMBER, 1999

6 . . . . . Beachfest '99, MYRTLE BEACH, SC
6 . . . . . Lake ARA Hamfest, SORRENTO, FL
6-7* . . . . . HR/Comp. Expo '99, LAWRENCEVILLE, GA
7 . . . . . Swapfest at Hazard H.S., HAZARD, KY
7. . . . . Massillon ARC Hamfest, MASSILLON, OH
13* . . . . . AL St. ARRL/Hamfest, MONTGOMERY, AL
13*. . . . . Hamfest, TITUSVILLE, FL
13*. . . . Twin City Hams Hamfest, WEST MONROE, LA
13-14. . . . IN State ARRL Conv/Hamfest, FT. WAYNE, IN
14* . . . . . JARSFEST at American Legion, BENSON, NC
19-20* (fri.eve-sat) . . . . Hamfest, OCEAN SPRINGS, MS
20* . . . . . Grant ARC Hamfest, GEORGETOWN, OH
20-21 . . . FL.Ste ARRL Conv. Sun Coast HF, TAMPA, FL
27 (new dte) 19th HF & Com. Show, GREENSBORO, NC

DECEMBER, 1999

4*. . . . . Hamfest at Agri. Center, OKEECHOBEE, FL
4* . . . . . Hamfest at Civic Center, EASTVIEW, TN
4* . . . . . Hamfest at Booster Stadium, OCALA, FL
4* . . . . . Claxton ARES Hamfest, CLAX'ON, GA
4*. . . . . Wiregrass ARC Hamfest, DOTHAN, AL
11 . . . . . Union Cty ARC Hamfest, at Armory UNION, SC
11*. . . . . Hamfest at Spts. Hall of Fame, LAKE CITY, FL

2000 CONFIRMED DATES

Mar. 11-12 . . . . . Hamfest, CHARLOTTE, NC
Mar. 18 . . . . . Martin Cty. ARA Hamfest, STUART, FL
Apr. 21-22 . . . . . Little Rock Hamfest, LITTLE ROCK, AR
June 24-25 . . . . . ARRL FIELD DAY
Aug. 19-20 . . . . . Hamfest, HUNTSVILLE, AL
Dec. 2 . . . . . 20th Annual Hamfest, GREENSBORO, NC

2001 CONFIRMED DATES

Aug. 18-19 . . . . . Hamfest, HUNTSVILLE, AL

2002 CONFIRMED DATES

Aug. 16-17 . . . . . Hamfest, HUNTSVILLE, AL

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The SERA Repeater Journal
VE/VEC EXAMINATION SCHEDULE

This schedule is published free as a public service of SERA in the February issue of the Journal. Newly updated schedules have been supplied by the individual VEC/VE teams for the year. Examinees are urged to email or call numbers listed to verify schedules before planning to attend an examination. The Repeater Journal assumes no responsibility for erronious or outdated listings.

NORTH CAROLINA

CHARLOTTE - MARS ARRL-VEC

Exams are given by the Mecklenburg ARS VE Team at the East Baptist Church on Monroe Road at 9:00 AM. Sked: Feb. 13, May 8, Aug., 14, and Nov. 13. For info, contact Mary Hunt, N4MH, (704) 948-7373 or email: n4mh@w4bfb.org.

ELKIN HAMFEST - W4VEC-VEC

Exams Sunday, Feb. 21st on site at the Elkin, NC hamfest. For more info, contact: Bill White, W4VW at w4vw@aol.com.

FAYETTEVILLE - Cape Fear

The Cape Fear ARS conducts testing on Mar. 6, May 8, Jul. 10, Sep. 11, and Nov. 13. Pre-Reg. is not required. Exams at Methodist College, Science Bldg. For info, contact Bob Doyle, KL7NL (910) 425-4175 or kl7nl@msn.com.

HIGH POINT - W4VEC.VEC

Exams are scheduled as needed on an individual group basis. Contact person to arrange for an exam for your group: Jim Williamson, NQ4T at w4vec@aol.com or (336) 841-7576.

KINSTON - DOWNEAST HF - New Bern ARS

Walkin exams will be held on site at the Down East Hamfest on Mar. 21 in Kinston at the Fairgrounds. For more info, call: Charlie Gould, K4VC (252) 633-3178.

LEXINGTON - W4VEC-VEC

Walk-in exams begin at 9:00 AM at the City of Lexington Recreation Center, Room 2. Schedule: Mar. 20, Jul. 24, and Sep. 25. Contact Don Rollina, AE4JB at 336-243-7657 or raef@infoave.net or raef@lexcominc.net.

NEW BERN - New Bern ARS

Walk-in exams are conducted at the Craven Community College on Jun. 12 and Sep. 18. For info, contact Charlie Gould, K4VC (252) 633-3178.

ROCKY MOUNT - ARRL/VEC

The Tar River ARC holds exams at the J.C. Penney Conf. room at the Golden East Crossing Mall at 9:00 AM. Sked: Mar. 27, May 22, Jul. 24, Sep. 25 and Nov. 27. For info: Bill Thomas, N2BT, (252) 442-6131 or wpthomas@MCI2000.com.

SALISBURY - W4VEC.VEC

Exams will be given in February and October. For date, contact Ralph Brown, WB4AQK at wb4aqk@salisbury.net or Don Rollins, AE4JB at (336) 243-7657

SALISBURY FIRECRACKER HF - W4VEC-VEC

Exams will be administered at the Firecracker Hamfest in Salisbury on July 3. For info, contact Ralph Brown, WB$aQK at wb4aqk@salisbury.net or Don Rollins, AE4JB at (336) 243-7657.

THOMASVILLE - W4VEC-VEC

Exams on 4th Saturday in Feb., April, June, Aug., Oct., and Dec. Contact person is F.L. Warfford, WW4FL at flavius@infoave.net or (336) 476-2652 or Ruby Byrd, KF4NI, at kf4ni@aol.com or (336) 798-4147.

WINSTON-SALEM - W4VEC-VEC

Exams 1st Saturday of each month at the American Red Cross Bldg on Coliseum Dr. For more info contact Bill White W4VW, at w4vw@aol.com or (336) 722-5858 or Rick Cochra, WO8L, at wo8l@aol.com (336) 945-0334.

SOUTH CAROLINA

FORT MILL - W4VEC.VEC

Exams on 3rd Saturday in Feb., April, June, Aug., Oct., and Dec. Contact person, Jerry Croft, KE4LUN at ke4lun@cetlink.net.

ROCK HILL - W4VEC-VEC

Exams on 3rd Saturday in Mar., May, Jul., Sep., and Nov. Contact person is Jerry Croft, KE4LUN at ke4lun@cetlink.net.

ROCK HIIL HAMFEST - W4VEC-VEC

Exams will be given on the Hamfest site at Rock Hill on Oct. 2. For more info. contact Jerry Croft, KE4LUN at ke4lun@cetlink.net.

VIRGINIA

CHESTER/RICHMOND - W5YI-VEC 147.360

Walk-in exams available, regis. preferred for Amateur, and Regis. is required for Commercial. Exams on Monday evening of every month at 7:30 PM. at the C.E. Curtis Ele. School in Chester. CW tests by personal headphones. For info 717-5237 or email: veinfo@kr4ug.org.

GALAX - BRIARPATCH ARC VE - TEAM

The Briarpatch ARC VE team will give exams in Classroom #1

Relax Man, You Passed!

at the Twin Cty. Regional Hosp. basement in Galax. The sked: Mar. 11, May 13, Jul. 8, Sep. 9 and Nov. 11. For info contact James Blythe (540) 236-8672, Dave Roberts, (540) 773-3906, or Bobby Waller (540) 728-3432.

SOUTHEAST VIRGINIA EXAMS

All exklams are $6.45. All except thos especially noted require advance registration.

CHESAPEAKE Am. Radio Testing Svc. (CARTS)

Thursday eve tests. Contact Pat Phelps, AF4FR - 421-9598. Sked: Feb. 11, Mar. 11, Apr. 9, May 6, Jun. 3, Jul. 8, Aug. 12, Sep. 9, Oct. 7, and Nov. 11,

GLOUCESTER -VA Rad. Col. of Examiners (ARRL)

Contact Harry Kepley, N4THN at 642-3517. Sked: Mar. 27, May 29, Jul. 31, Sep. 25, and Nov. 27.

PORTSMOUTH VA ARC (ARRL)

Contact Art Thiemens, AA4AT at 484-2857. Sked: Feb. 6, and Nov. 6.

VIRGINIA BEACH HAMFEST - ARRL-VEC

Registration is required for exams at the ARRL VA. State Convention on Saturday, evening at 6:00 PM, Sep. 19. Exam is conducted by Southern Penisnsula ARC. Contact Ed. Brummer, W4RTZ 898-8031.

VA. BEACH ARC (ARRL)

Contact Anne Carlton, KF4NHU 471-5968. Sked: Jun. 12 and Dec. 4.

WILLIAMSBURG ARC (ARRL)

Contact Mike Conte, W4NYY at 566-8015. Sked: Apr. 3, Oct. 2.

WEST VIRGINIA

BLUEFIELD - W5YI-VEC

Walk-in exams on 2nd Saturday in Feb., May., Aug., and Nov. If College commencement falls on 2nd Sat. in May, exams that month will be moved back to 1st Sat. of May. Sked: 13 Feb., 8 May, 14 Aug., and 13 Nov. Special notice desired for applicants who require special needs. Regis. at 9 AM, testing follows. Contact Wayne Grim, WJ8U, at wgrim@swva.net, or Don Williams, W4VT at W4VT@sera.org.

PARKERSBURG - W5YI-VEC

Walk-in exams are held on 2nd Sat. of Feb., April, June, Aug., Oct., and Dec. at 6:00 PM at the Eastwood VFD Fire Station on Rt. 47. Also Commercial tests available. For info, Call Dana Pickens, WV8G (304) 422-1823 or Ken Harris WA8LLM (304) 679-3470.

South Carolina News - Continues

area APRS node in the air. KD4TQZ, Lee from Charlotte came to town and gave us the quick and dirty on APRS operation and setup the node. He has been the "mentor" of the group. Well Done Lee !!! The node KE4KQP-5, is on the nationwide freq of 144.390 mhz and is recieving well. Several mobiles and several stationary stations have been spotted on the maps across the USA. There are 4 hams with full time stations in the area.

John, KE4SZT, John, N4DOU, Lloyd KD4HTW and Bill KE4KQP, who also has his call on the node. You can see their stations on the internet at www.aprs.net

If you want help in getting setup on APRS send Lloyd a email at kd4htw@bellsouth.net.

* * * * *

Cheraw SC-The linked repeater system of W4APE has expanded again, this time to include repeaters in Marion and Florence SC. Jack Peques, W4APE now has the Cheraw - 145.490, Pageland - 146.895, Bishopville - 146.925, Florence 147.195 and the Marion 147.000(-) repeater linked full-time via a 440 backbone. This system has coverage over the entire Pee Dee area of SC. The repeater are not tone-accessed so just join in the fun. The Greater Midlands Traffic Net meets each night on the linked system at 9:30pm.

Thanks Lloyd for the great coverage. That's all for this quarter. Put us on your mail list, send news. We'll see you in May.

-Ed KE2D SC Correspondent

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For other information including test session coordination, VE Team Formation, etc.:

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2138 Sonning Drive
Germantown, TN 38138
901 754-4552 WinGuin@worldnet.att.net

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7 Skylyn Court Asheville, NC 28806
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Ray Adams, W4CPA
6702 Matterhorn Ct. - Knoxville, TN 37918
(423) 687-5410 Fax: 219-9871
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Kentucky Happenings

FRED JONES
WA4SWF
wa4swf@foothills.net
511 LACKEY AVENUE
LOUISA, KY 41230

Our former SERA Kentucky Director, Jerry Shouse, N4EQT, is recovering from a heart attack in November. It occurred while he was working at the railroad museum, a project which he has lovingly given his time to over the years. Following a short stay at a hospital in Bardstown, Kentucky, he was transferred to Jewish Hospital in Louisville. I recently talked to Jerry and he is doing just great. He always did look like the picture of health, but the doctor wants him to do more walking. It will be a few months before he is back 100%.

So glad to see that you are home and doing well Jerry.

New Kentucky Director:

Brennan Newsome KJ4VFof Harold, KY in Floyd County, has taken on the job of Director for Kentucky, replacing Jerry who had to resign due to health problems last Fall. Brennan knows what to do in the Director job and is not any stranger to working on repeaters. He has the following repeaters; 147.045 PL Tone 100 located Floyd Co., 145.130 PL Tone 100 located Rowan Co., 147.195 located Lexington, Ky. Fayette Co. and 147.045 and 145.130 are linked at all times.

He has a repair shop located at this home and does work on many repeaters and tunes duplexers. He has built up a few packet stations for me. We will have more about Brennan in our next article. Good Luck on the job and I know that everyone including myself will be looking forward to working with you.

Late news from the Board meeting indicates that Jerry will be staying on board with us, as Vice-Director of Kentucky. He will be working closely with Brennan.

* * * * *

Louisa Hamfest:The Big Sandy Amateur Radio Club is working and preparing for its Louisa Hamfest scheduled for May 1st. This is the second year for it and we hope to make it much better than the first. This is just a little hamfest we have here in the mountains and we all have fun. Planned guest speakers for the event will be, KY Section Manager, Bill Uschan and Assistant Manager, Tom Lykins. There will also be an A.R.E.S. Forum by Ed Caudill District No. 9 Emergency Coordinator. SERA will have a booth set up for the ones that want to join the SERA Our new Director, Brennan Newsome will be at the booth. Its a great opportunity for you to come by and meet him.

* * * * *

The A.R.E.S. program in Eastern Ky now has a new District Emergency Coordinator for District no. 9. Ed Caudill KB4SQ, the new coordinator has the 145.190 mhz. repeater at Salyersville and is a full member of SERA. He headed in December statewide emergency drill. We had repeaters linked that pretty well covered the 10 county area of his district. We are working on our linking now for a more solid system. I want to wish Ed and his staff good luck. *-Fred Jones*

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IC-G707A 2m/440mhz

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TS-570DG-HF / SG-HF+6

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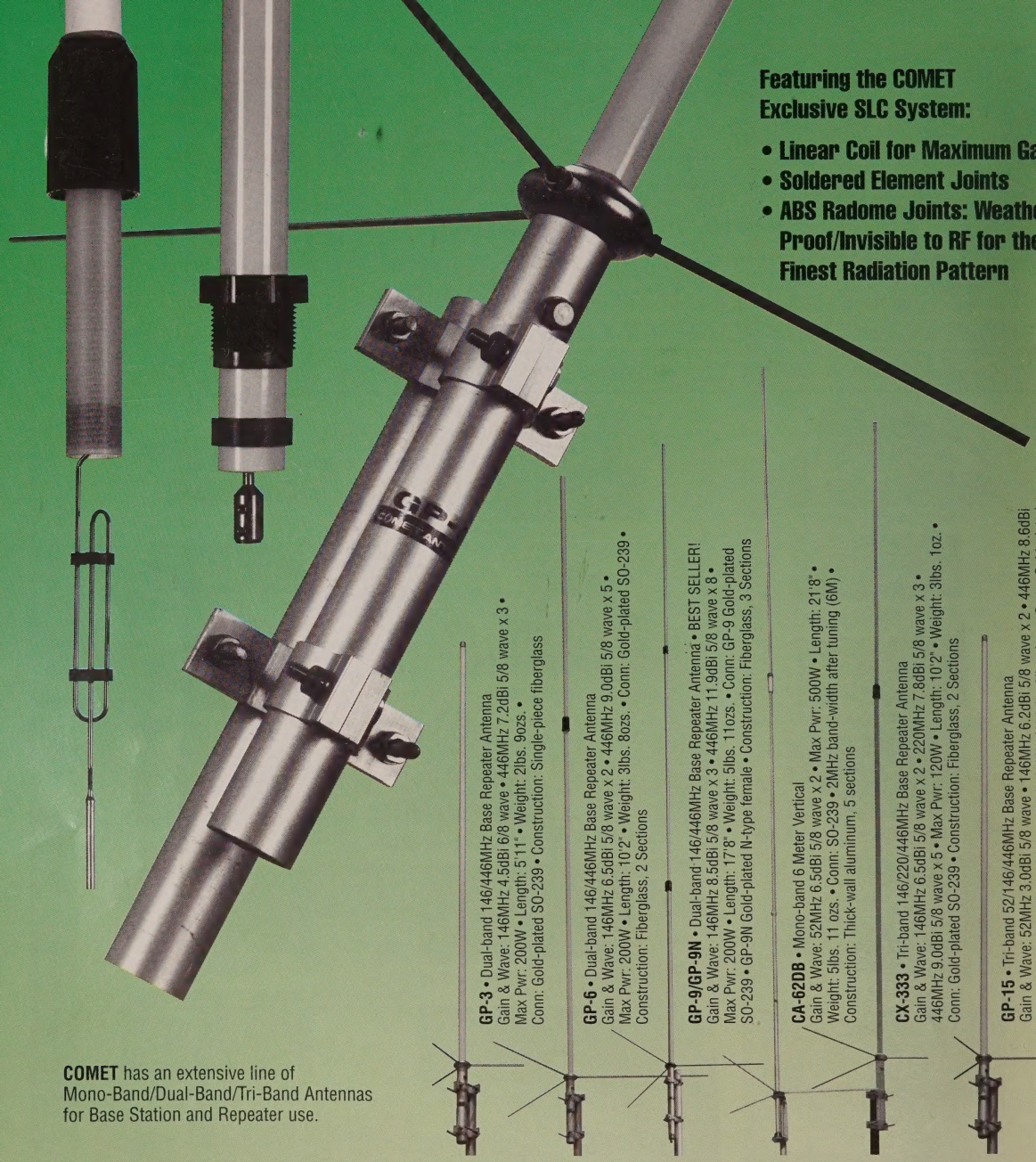

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Conn: Gold-plated SO-239 • Construction: Single-piece fiberglass

GP-6 • Dual-band 146/446MHz Base Repeater Antenna
Gain & Wave: 146MHz 6.5dBi 5/8 wave x 2 • 446MHz 9.0dBi 5/8 wave x 5 •
Max Pwr: 200W • Length: 10'2" • Weight: 3lbs. 8ozs. • Conn: Gold-plated SO-239 •
Construction: Fiberglass, 2 Sections

GP-9/GP-9N • Dual-band 146/446MHz Base Repeater Antenna • BEST SELLER!
Gain & Wave: 146MHz 8.5dBi 5/8 wave x 3 • 446MHz 11.9dBi 5/8 wave x 8 •
Max Pwr: 200W • Length: 17'8" • Weight: 5lbs. 11ozs. • Conn: GP-9 Gold-plated
SO-239 • GP-9N Gold-plated N-type female • Construction: Fiberglass, 3 Sections

CA-62DB • Mono-band 6 Meter Vertical
Gain & Wave: 52MHz 6.5dBi 5/8 wave x 2 • Max Pwr: 500W • Length: 21'8" •
Weight: 5lbs. 11 ozs. • Conn: SO-239 • 2MHz band-width after tuning (6M) •
Construction: Thick-wall aluminum, 5 sections

CX-333 • Tri-band 146/220/446MHz Base Repeater Antenna
Gain & Wave: 146MHz 6.5dBi 5/8 wave x 2 • 220MHz 7.8dBi 5/8 wave x 3 •
446MHz 9.0dBi 5/8 wave x 5 • Max Pwr: 120W • Length: 10'2" • Weight: 3lbs. 1oz. •
Conn: Gold-plated SO-239 • Construction: Fiberglass, 2 Sections

GP-15 • Tri-band 52/146/446MHz Base Repeater Antenna
Gain & Wave: 52MHz 3.0dBi 5/8 wave • 146MHz 6.2dBi 5/8 wave x 2 • 446MHz 8.6dBi
5/8 wave x 4 • Max Pwr: 300W • Length: 7'11" • Weight: 3lbs. 1oz. • Conn: Gold-plated
SO-239 • 2MHz band-width after tuning (6M) • Construction: Single-piece fiberglass

COMET has an extensive line of Mono-Band/Dual-Band/Tri-Band Antennas for Base Station and Repeater use.

For a complete catalog of **COMET** Antenna products call or visit your local dealer. Or, contact **NCG Company** at 800/962-2611. Use **COMET** products, and enjoy amateur radio to it's fullest!

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